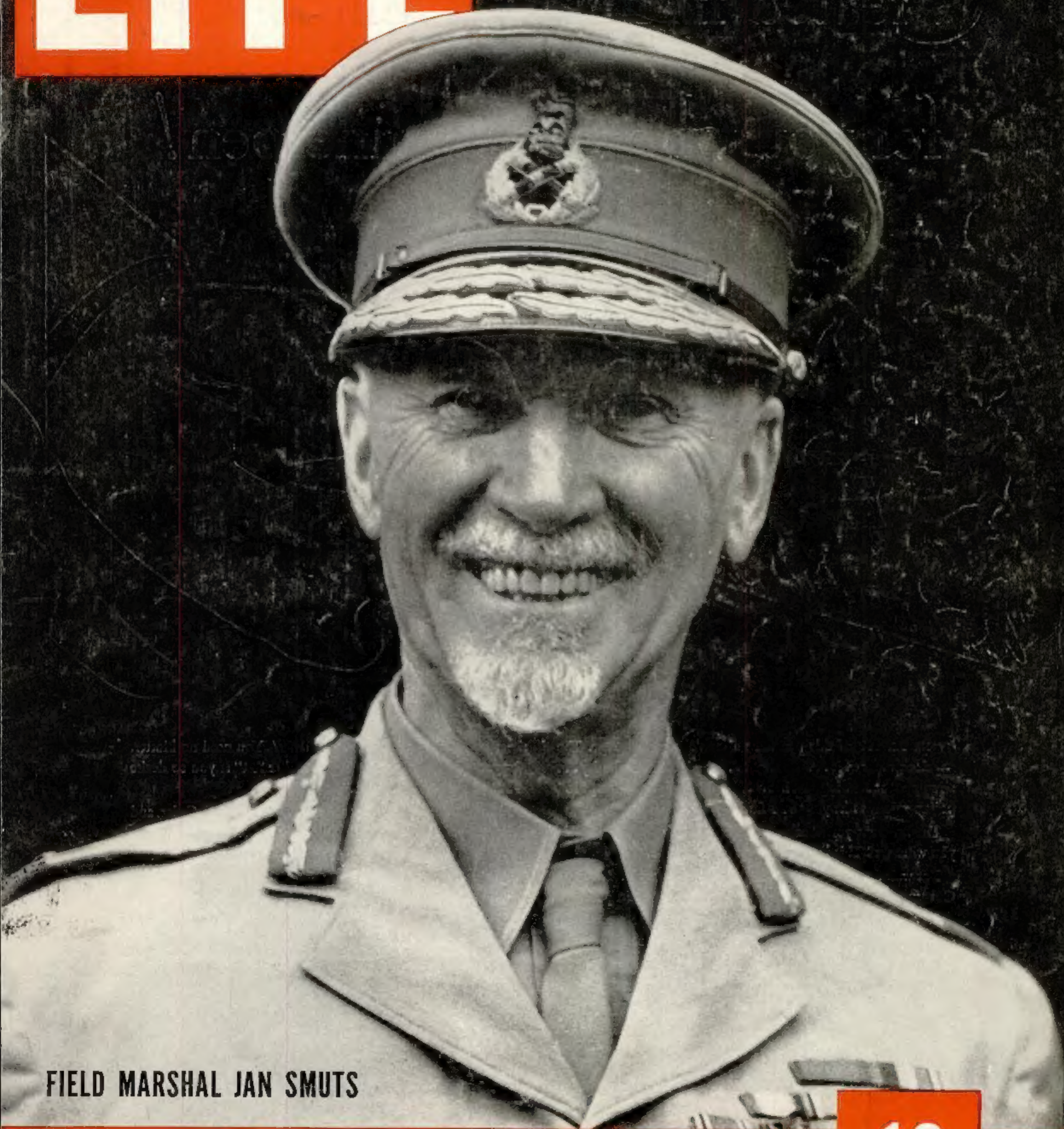


LIFE



FIELD MARSHAL JAN SMUTS

NOVEMBER 8, 1943

10 CENTS

YEARLY SUBSCRIPTION \$4.50

Created in limited numbers
for you who need a fine pen!

"Writes dry with wet ink!"

THE BEAUTY of this pen talks a man's own language. The sleek taper of it . . . the sheen . . . the look of authority . . . all suggest something that has *calibre*. The disciplined "torpedo" point responds like your own finger.

The moment you touch this Parker "51", something inside you will say: "This is *mine* . . . this and no other."

But wait . . . these pens are now limited in supply. First, the Government has curtailed production of *all* fountain pens.

Second, more and more of Parker's skill is being concentrated on war products. Today we are making primers, fuzes, detonator caps and other precision devices vital to victory.

What Parker "51" pens are being produced are now rationed among dealers. However, if your war duties require a good pen—if you'd like to feel a new stimulation in writing to your man in the service—you can probably place a reservation for a Parker "51" with one of the stores you patronize.

The new "51" ink created for this pen and this pen alone is

sheer magic. *Dries instantly as you write!* You need no blotter. Yet you can use *any* ink with the Parker "51" if you so desire—but you won't "so desire."

Parker "51" pens are most available in Black, Blue-Cedar, and Dove Gray. \$12.50 and \$15.00. Pencils, \$5.00, \$7.50. World-famous Parker Vacumatic pens, \$8.75. Pencils, \$4.00.

♦ **GUARANTEED BY LIFE CONTRACT!** Parker's Blue Diamond on the pen is our contract unconditionally guaranteeing service for the owner's life, without cost other than 35¢ charge for postage, insurance, and handling, if pen is not intentionally damaged and is returned complete to:

The Parker Pen Company, Janesville, Wisconsin, and Toronto, Canada.

PARKER "51"

Wouldn't you like a **SHAVING CREAM** *Guaranteed not to* *"solve your shaving problem"?*

**Plain facts for black-bearded men
who have discovered that
miracles do not come in tubes**

If you are the kind of person who really has a "shaving problem"—Brother, you had better see a psychoanalyst.

Our Listerine Shaving Cream is for men with adult minds as well as grown-up whiskers; for men intelligent enough . . . or disillusioned enough . . . not to expect that any soap, cream, lotion, or salve, will make shaving a pleasure.

We say for Listerine Shaving Cream that it is a *sensible* shaving aid. Just a little of it, a fraction of an inch, makes great billows of moisture-laden lather. This helps it wilt wiry whiskers and reduce the sting and nuisance of shaving.

Men with tough beards and tender skins, who have tried it, say that it really gets the razor over the rough spots when they're plowing under their daily crop of bristle.

We promise that this quality shaving cream will help you give yourself a whacking good shave. If this plain, unadorned promise appeals to you, you're just the man who ought to meet Listerine Shaving Cream face to face. Ask for it at any drug counter. The price is low, the tube lasts long; so it is just as smart to buy as it is smartless to use. LAMBERT PHARMACAL CO., St. Louis, Mo.

In every way worthy of the name,
because made to the
Listerine standard of quality



P.S. TO THE LADIES: For a great shampoo try friend husband's Listerine Shaving Cream . . . just a little makes clouds of foamy, cleansing lather.

THE **35¢** TUBE THAT LASTS AND L-A-S-T-S
month after month after month



REMEMBER, THERE ARE 2 TYPES OF LISTERINE SHAVING CREAM
Out of this tube come swell shaves
for men who prefer no-brush cream

"PROTECTING THE AMERICAN HOME"



When Help Failed Rogers' Rangers

A tragic episode in the retreat of Rogers' half-starved Rangers took place at the mouth of the Passumpsic in Vermont in 1759.

A rescue party with provisions was encamped there to await the return of Rogers' amazing expedition against the St. Francis Indians in Canada. Hearing rifle fire up the river, and fearing an Indian attack, the rescue party fled south in canoes taking all provisions with them.

The half-dead Rangers arrived to find the ashes of the campfire still warm, but not a crumb of food. Unable to go farther, many of the Rangers died of starvation.

*Here is help
that will not fail*

In saving for your own future and that of your family, there are two methods which cannot be surpassed:

1. War Bonds. 2. Life Insurance.

Buy all the War Bonds you pos-

sibly can, and hold them to maturity. Every man and woman also is urged to invest in adequate life insurance.

Did you know that the premiums you pay for your life insurance are also helping to pay for the war?

The National Life of Vermont since Pearl Harbor has invested a full 100 per cent of premium income in U. S. Government War Bonds and Title VI Federal Housing Administration insured loans secured by residences for war workers.

Your investment in War Bonds and your investment in Life Insurance is helping to lay the foundation for the kind of stable post-war America which we want for ourselves, our children and our fighting men when they return.

Send for free booklet about National Life's "Family Income Policy."

Address:

NATIONAL LIFE INSURANCE COMPANY

HOME OFFICE—**VERMONT**
MONTPELIER,

A Mutual Company, founded in 1850, "as solid as the granite hills of Vermont"

LETTERS TO THE EDITORS PICATINNY ARSENAL

Sirs:

I want to express to you my appreciation of the excellent story about Picatinny in the Oct. 18 issue of LIFE. It has aroused a vast amount of interest here at Picatinny, and I hope it will be of comparable interest to all your readers.

COLONEL W. E. LARNED
Commanding

Ordinance Department
Picatinny Arsenal
Dover, N.J.

Sirs:

The story on Picatinny Arsenal is one of the most interesting and informative I have ever seen. The text of the story, the photographs and the captions are all splendid examples of accuracy in reporting and simplicity in presentation. I am sure that this story will prove of tremendous educational value to many of your readers.

Furthermore, what you have to say about Picatinny is especially timely. I do hope that it will bring to your readers the assurance that we of Army Ordnance are doing our best to make certain that our fighting forces are supplied with the most powerful explosives and that we are mindful of the safety of our arsenal workers.

MAJOR GENERAL
L. H. CAMPBELL JR.
Chief of Ordnance, U. S. Army
Washington, D.C.

ALASKA HIGHWAY

Sirs:

I was very much interested in William S. Howland's LIFE's Report on the Alaska Highway (Oct. 18). I have just come back from eight months spent there as a truck driver. The road is a fine job of engineering; the two en-



PEACE RIVER BRIDGE



HIGHWAY AT MUNCHO LAKE

closed pictures will show typical natural obstacles encountered by the road builders. One was the swift Peace River, spanned by the last word in suspension bridges, and the other is Muncho Lake, which the Highway skirts for several miles.

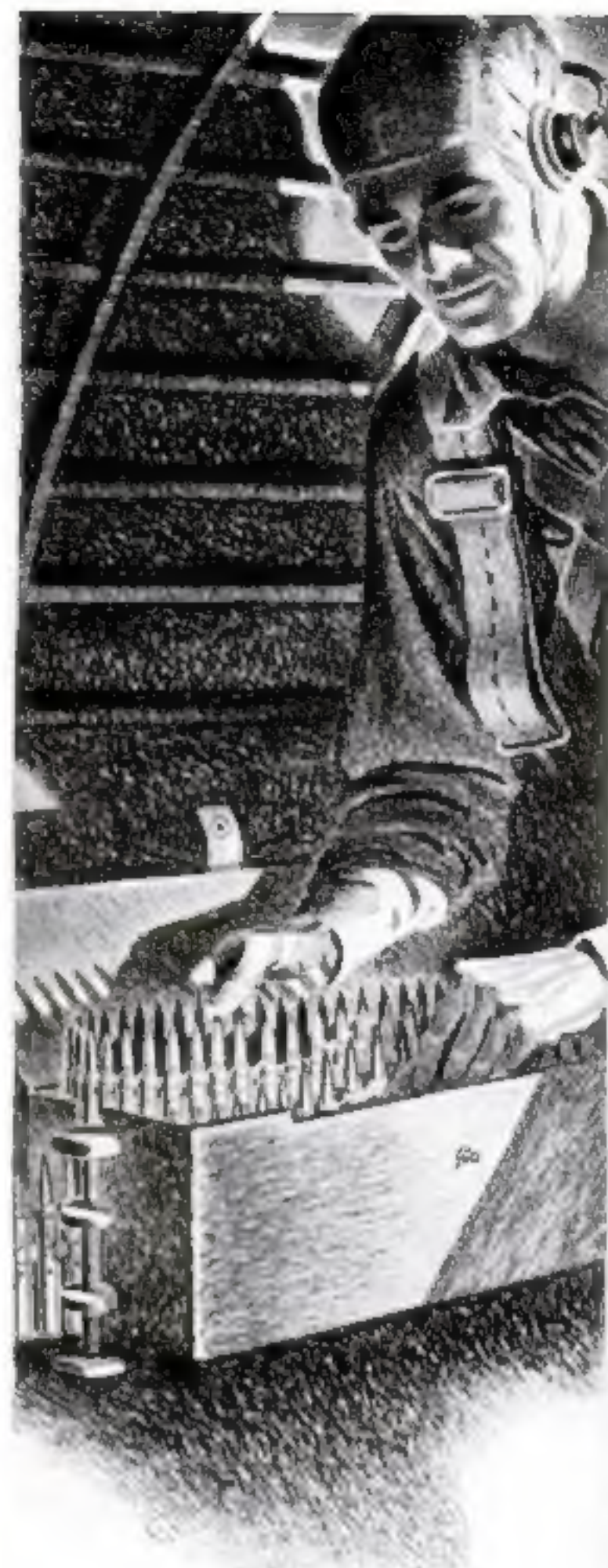
HAROLD ROLLAND
Park Rapids, Minn.

BASIC ENGLISH

Sirs:

Lincoln's Gettysburg Address lends itself surprisingly well in Lincoln Barnett's article (LIFE, Oct. 18), "Basic English: A Globalanguage" as an example of the use of essential words. This timely study of that great classic (80th anniversary to be observed on Nov. 19) brings to mind the make-up of the original speech which contains 272 words, of which 204 are one syllable, 50 are two syllables and the remaining 18 are three or more syllables.

An analysis of the Basic English version reveals a count of 294 words, of which 244 are one syllable, 41 are two



HOW *Martin* SAVES METAL FOR THE MEN WHO NEED IT MOST



Conserving metals today is an engineering "must",

and the makers of Martin bombers watch such details like hawks.

For instance, their ammunition boxes had a stainless steel latch, a metal hasp, and a heavy safety wire.

Changing to one of our standard Lift-the-Dot fasteners made opening and closing easier, eliminated hand injuries, and saved a considerable amount of stainless steel and other metals. So, instead of letting these metals hang around to guard ammunition, Martin is now sending them where they will do the most harm... in the enemy's innards. That's the kind of a job we like to help on!

UNITED-CARR FASTENER CORP., Cambridge, Mass.

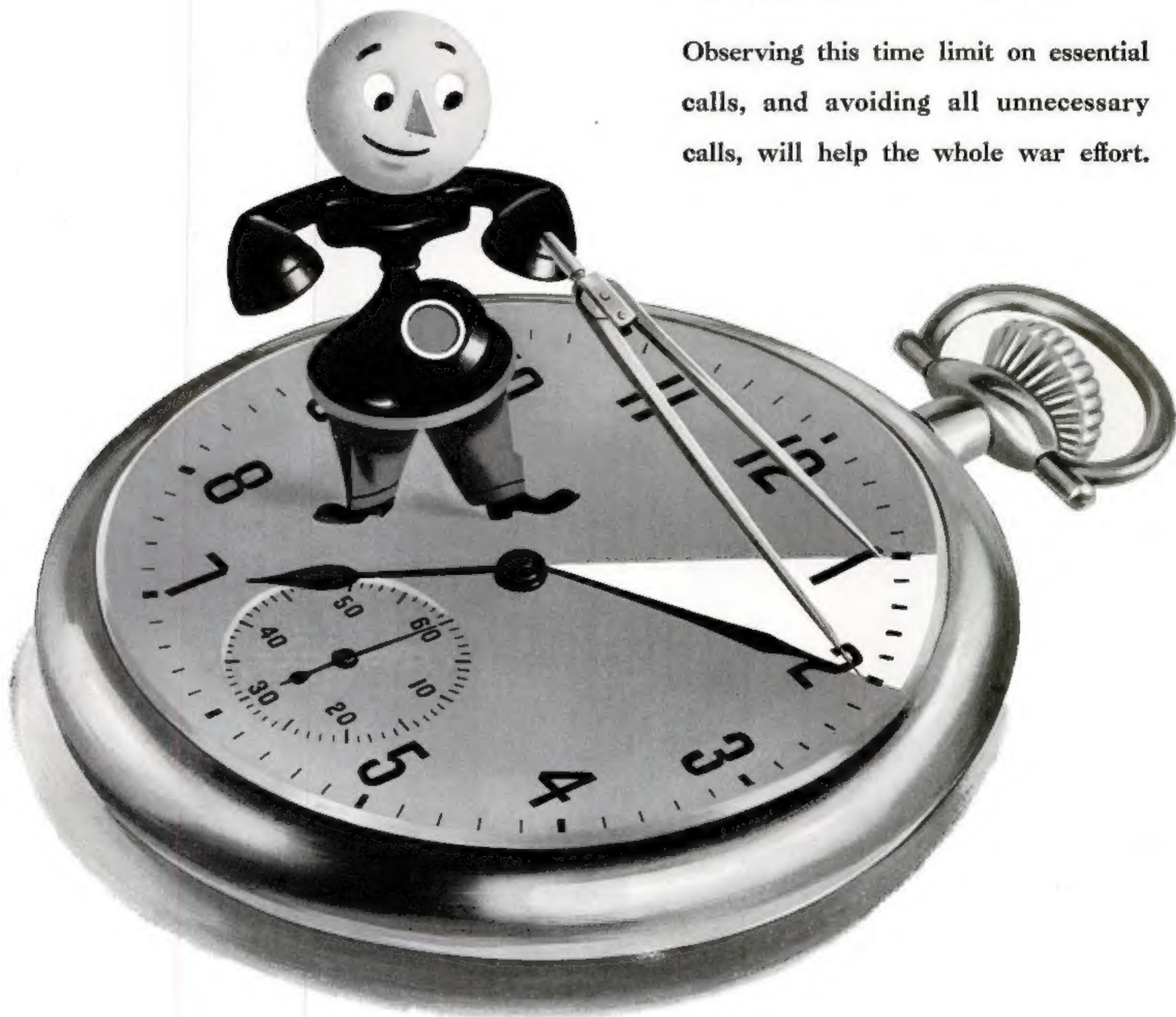
DOT FASTENERS

(continued on p. 4)

PLEASE LIMIT YOUR CALL TO FIVE MINUTES

When a Long Distance circuit is crowded the operator will say: "Please limit your call to five minutes."

Observing this time limit on essential calls, and avoiding all unnecessary calls, will help the whole war effort.



BELL TELEPHONE SYSTEM



This One



9PYN-HCE-BHT8



Off again . . .



On again

... better get 'em checked again!

THAT nervous handling of your glasses . . . taking them off and putting them on . . . is a sure sign of something wrong.

Maybe your eyes have changed. They do, you know, as you grow older. How long since you had them examined?

Maybe the different work you're doing . . . the new lights you're working under . . . the greater demands on your vision these days—place an extra burden on your eyes.

Maybe your eyes are sensitive to

glare as well. That's a common trouble. It may be troubling you.

In any case, you're due for another eye examination. For your comfort's sake, better do it soon.

Soft-Lite Lenses are often prescribed when sensitivity to glare is noted. They scientifically control the amount of light that enters the eye, give needed correction *plus* the comfort of glare-free vision. Soft-Lite Lenses are slightly flesh-toned, less conspicuous and better looking.

Soft-Lite Lenses are made by Bausch & Lomb of highest quality ophthalmic glass. They filter glare, make seeing more comfortable. They are prescription ground in single vision or bifocal forms to meet your eyes' requirements.

AMERICA NEEDS YOUR EYES—HAVE THEM EXAMINED REGULARLY

Soft-Lite Lenses

SOFT-LITE LENS COMPANY, INC., 745 FIFTH AVENUE, NEW YORK 22

There is only one Soft-Lite . . . identified by this certificate

LETTERS TO THE EDITORS

(continued)

or more syllables, and the remaining nine are three or more syllables.

The address rendered into Basic loses little of its original character, and this is remarkable taking into consideration that Basic English consists of a vocabulary of 850 essential words.

Mr. Barnett has proven his point. If it is good English it must be essentially Basic.

R. GERALD McMURTRY

Lincoln Memorial University
Harrogate, Tenn.

Sirs:

Thanks to LIFE for the article on Basic English. All English teachers (I am one) and Esperantists are not opposed to Basic. In Japan, where I used it on university students, Dr. Nakaseko (Johns Hopkins) edited simultaneously *The Basic English Monthly* and an Esperanto chemical journal. At one Basic English banquet I attended, at which this gentleman was master of ceremonies, he observed: "Well, let's sit down, or, as we say in Basic, please put the base of the body under the table." As for Poe's *Golden Insect*, it is true that the word "bug" is not Basic; but had two Americans, instead of two Englishmen, started the movement it might well have been. In England "bug" means only one kind of bug, a semantic accident that sets Englishmen to thinking of Poe's *The Gold-Bug* as "The Gilded Louse."

FRANK L. HUNTLEY

Carleton College
Northfield, Minn.

Sirs:

I have been bothered considerably at night lately by the omission from the 850-word Basic English vocabulary of two basic English words:

1. Basic
2. English

Can't somebody do something about this?

JOHN ZISCHANG

Dallas, Texas

● Surprising as their absence may seem, "Basic" and "English" are logically omitted from the Basic English dictionary. "Basic English" has become a compound proper noun and like all proper nouns may be used in the same manner as "John Doe" or "Pierre Durand."—ED.

Sirs:

Though neither an English teacher nor an Esperantist, I oppose Basic English on the following grounds: 1. It is an unsatisfactory means of expression for the normal English speaker; 2. It is fundamentally misleading in its claims and methods; 3. It presents greater difficulty to the average foreign learner than does ordinary English.

That Basic represents a restrictive process, in which we must learn to "get along on less and less," is proved by such farfetched renditions as *small tree* for "bush"; *to their Maker equal* for "created equal"; *true men* for "brave men"; *belief* for "devotion" (Gettysburg address); *pleasure* for "will" (Lord's Prayer). None of these terms conveys the original meaning.

The use of *stop, stretch, jump, rest* as "non-verbs," and the subsequent permission to add *-er* or *-ing* to them is typical of the way in which Basic operates. Why quibble about grammatical terms? Why get around the use of a real verb in "I am resting" by claiming that *resting* is an adjective? The full and complete use of any normal verb in English does not call for more than three or four separate forms (hear, hears, heard; eat, eats, ate, eaten). Is it really necessary to use *have hearing of* or *take food*, when practically every language in the world has a single word for these simple concepts?

Still more questionable is the formation of compounds such as *undertake* and *without*, which permits the authors to lay claim to a language of only 850

smart as a
topcoat...and ready
for rain!



Ziprain... \$3.75 for the man who likes sportswear. A smart knee-length English-style Rainfair made of fine quality gabardine *showerproofed* to keep you always ready for rain. Carefully tailored to look well, fit well, and wear well. "Topcoat details" include railroad stitching on bottom and cuffs, slash pockets and button fly front. An all-purpose, all-weather coat. Choice of bleached bone or light olive.

Military needs are our prime wartime responsibility, although Civilian Rainfairs are available in limited quantities. So we suggest you shop *now*. We hope you'll be patient if your favorite store is temporarily out of your size.

Free: write today for illustrated booklet of Rainfair Storm Coats that make you shine in any weather...address: Chicago Rubber Clothing Company, Racine, Wisconsin
Prices slightly higher West of the Rockies

Buy War Bonds first!

(continued on p. 6)

free AS A TRIAL-MEMBERSHIP GIFT FROM THE CLASSICS CLUB

This Beautifully Bound, Lavishly Illustrated Edition of

ERASMUS

The Praise of Folly



DID your favorite newspaper columnist write this book four centuries ago? You'll ask that question the moment you open this remarkable volume! For you'll feel that Erasmus is your contemporary—so surely does he crack the whip of wit and humor at the follies of the world you live in today.

Hitler burned this book, smashed its author's statue—but the laughter and scorn that lash out from *The Praise of Folly* will never be stilled. Now you can join that laughter and share that scorn of violence, prejudice and greed. And you'll treasure this handsome library volume—now yours, free, as a gift—because its introduction and inimitable drawings by Hendrik Willem van Loon make it as delightful to look at as it is to read.

Why The Classics Club Offers You This Book Free

WILL you add this lovely volume to your home library now—as a membership gift from THE CLASSICS CLUB? You are invited to join today . . . and to receive on approval beautifully bound editions of the world's greatest masterpieces.

At the request of The Classics Club, four authorities formed themselves into a Selection Committee to choose the great books which offer the greatest enjoyment and value to the "pressed for time men and women of today." And The Classics Club now presents these great books to you.

Why Are Great Books Called "Classics"?

A true "classic" is a living book that will never grow old. For sheer fascination it can rival the most thrilling modern novel. Perhaps you have often wondered how these truly great books "got that way." First, because they are so readable. They would not have lived unless they were read, and they would not have been read unless they were interesting and easy to understand. And those are the very qualities which characterize these selections: readability, interest, simplicity.

Only Book Club of Its Kind

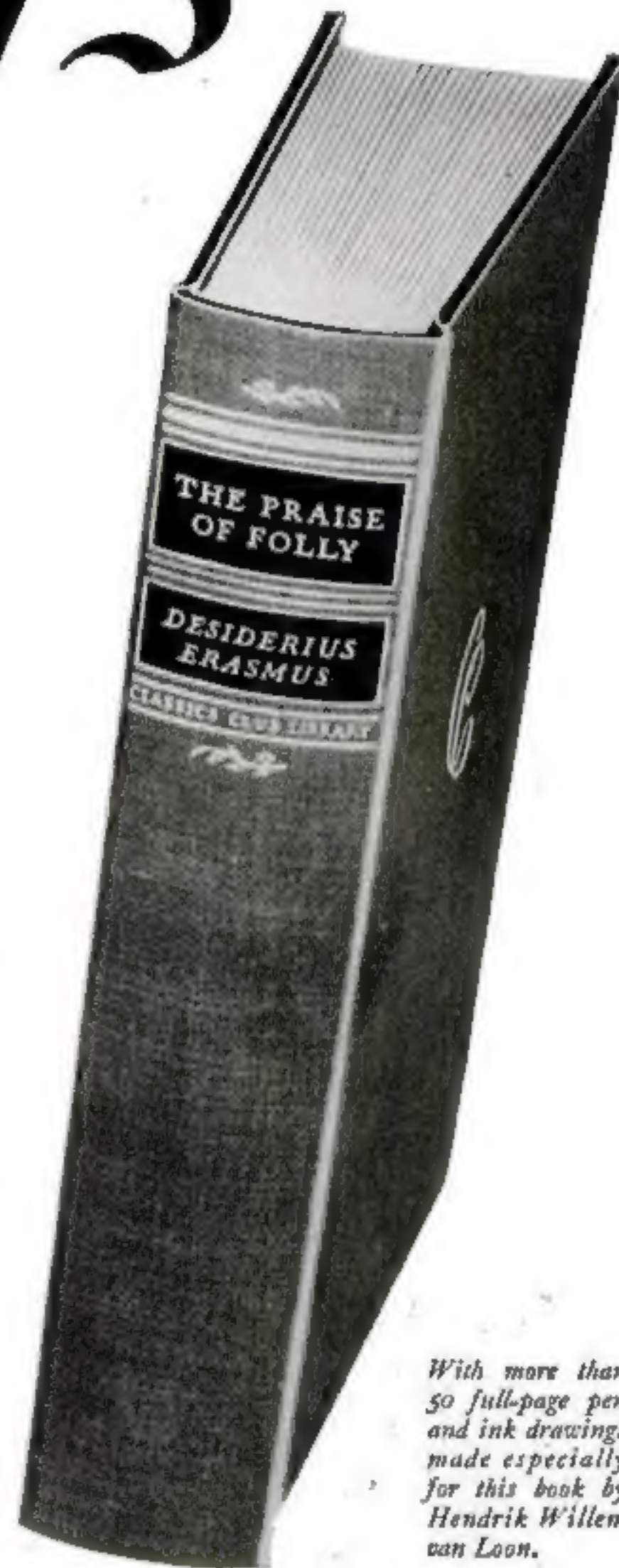
The Classics Club is different from all other book clubs in these four ways: 1. Its sole purpose is to distribute to its own members the world's great classics at low prices. 2. Its basic price is lower than that of any other book club. 3. Its Charter Members are not obligated to take any specific number of books. 4. All its volumes are bound in attractive, uniform Classics Club bindings.

A Trial Membership Invitation to You

You are invited to accept a Trial Membership in The Classics Club. With your first book will be sent an advance notice about future selections. You may reject any book you do not wish. As a Trial Member, you need not take any specific number of books. No money need be paid in advance, no membership fees. You may cancel membership at any time.

We suggest that you mail this Invitation Form to us at once. Paper, printing, binding costs are rising, and these low prices—as well as your FREE copy of ERASMUS—cannot be assured unless you respond promptly. THE CLASSICS CLUB, 330 W. 42d St., New York 18, N. Y.

NOTE: The De Luxe Edition is luxuriously bound in fine buckram (the same material as used in \$5.00 and \$10.00 bindings); is richly stamped in genuine gold, which will retain its original luster for years; and has tinted page tops. For book which you and your children will read and cherish for many years, the De Luxe Edition is most desirable.



With more than 50 full-page pen and ink drawings made especially for this book by Hendrik Willem van Loon.

The Selection Committee of THE CLASSICS CLUB



JOHN KIERAN—Well-known writer and expert of "Information Please," this connoisseur of good reading amazes millions of listeners with his inexhaustible store of knowledge.



PEARL S. BUCK—Only American woman to receive the Nobel Prize for Literature, awarded for the body of her work. She also received the Pulitzer Prize and the Howells Medal for *The Good Earth* particularly.



HENDRIK WILLEM VAN LOON—The brilliant scholar and artist who made history, art and literature fascinating to millions when he wrote *The Story of Mankind*, *The Arts*, and other great works.



The late **WILLIAM LYON PHELPS**—Long the best-loved literary figure in America; author, critic, lecturer and, for 41 years, Professor of English Literature at Yale University.

THE CLASSICS CLUB

330 West 42nd Street, New York 18, N. Y.

IP

Please enroll me as a Trial Member and send me, FREE, The Classics Club Edition of ERASMUS, together with the current selection.

I am not obligated to take any specific number of books and I am to receive an advance description of future selections. Also, I may reject any volume before or after I receive it, and I may cancel my membership whenever I wish.

For each volume I decide to keep I will send you the correct amount checked below (\$8.00 for the Regular Edition or \$1.39 for the De Luxe Edition) plus a few cents postage.

I prefer (please check) ☐ Regular Edition ☐ De Luxe Edition

Your FREE copy of ERASMUS will come in whichever edition you check.

Name _____

Address _____

City _____ State _____

A tip for old-fashioned wives



1. "DON'T BE OLD-FASHIONED, ANN. BRAN IS DELICIOUS... IF IT'S NABISCO 100% BRAN. WHY IT MAKES BRAN-EATING A PLEASURE. COME ON TRY SOME."



2. "HASN'T IT A GRAND FLAVOR! YOU SEE IT'S MADE BY THE FOLKS WHO BAKE RITZ CRACKERS. THEY SURE KNOW HOW TO MAKE FOODS TASTE SWELL."

3. "AND BEST OF ALL NABISCO 100% BRAN IS SUCH AN EASY WAY TO HELP RELIEVE CONSTIPATION DUE TO INSUFFICIENT BULK."



IT'S MILD...BUT SO EFFECTIVE—

Here's the secret. An improved process, called Double Milling, breaks down the fibers of NABISCO 100% BRAN making them smaller, less likely to be irritating. That's why its action is so gentle. Serve as a cereal or as appetite-whetting muffins (the recipe is on the package). Look for NABISCO 100% BRAN in the yellow and red package.



(If your constipation is not helped in this simple manner, see a competent physician.)

BAKED BY NABISCO • NATIONAL BISCUIT COMPANY



This seal means that the Council on Foods and Nutrition of the American Medical Association has accepted this product and approves this advertisement.

LETTERS TO THE EDITORS

(continued)

words while in reality they multiply words to the point where it would be almost as simple to use the "S,000 in common everyday use." Undertake is not the same as take under, and without is far from out and with (why didn't the authors have the courage of their convictions and negativize with by creating unwith?).

But the basic objection to Basic is in connection with its international application. The Frenchman finds it difficult to use *get down and get off*, but easy to say *descend*, or *dismount*, or *dismark*. As English is constituted at present, he has his choice of two locations, one of which is close to his own mental outlook and speech pattern. *Give up*, literally translated into Romance tongues, is meaningless; but *abandon*, *desert*, *reign*, *surrender* are meaningful. The reason why English is relatively easy to foreigners is precisely the one given by Mr. Harrett: English has borrowed heavily from many sources, so that most of the world's chief tongues can find in it a common meeting ground. But Basic reduces the structure of English to that of a Germanic tongue pure and simple, and thereby alienates Romance, Slavic, Greek and other speakers. It may be true that foreigners can learn to read Basic English in a shorter time than it would take them to learn to read ordinary English. But how long will it take the foreigner, or even the English speaker, to learn to express himself in Basic?

MARIO A. PEI

New York, N. Y.

PUMP ROOM

Sirs:

As one who has manned the Pump Room on many a convivial occasion, it pained me to find no mention in your Oct. 18 issue of the architect who provided its "lush décor"—Samuel A. Marx.

As a matter of fact, Mr. Marx was the genius who not only whipped up the color scheme and the specially designed furniture, but was also responsible for the waiters' uniforms, the china, the silver, the special menus and what have you, which, when speaking of the Pump Room, is quite a lot.

Other recent Marx concoctions include "Eddie" Robinson's new gallery for his collection of modern art, Chicago's famed Tavern Club, a train or two for the Pullman Company and the unusually successful Cotillion Room in New York's swank Hotel Pierre.

The Marx flair for doing these things right stems from his flair for enjoyable living. Marx is one of the most talented, gustiest men in his profession, and LIFE should not hide his light, even under a Pump Room magnum.

HOWARD MYERS

New York, N. Y.

CONSERVATION OF SOIL

Sirs:

Your picture story, "U. S. Has Lost Third of Its Topsoil" (LIFE, Oct. 18), is to be praised for bringing to the attention of the public the great danger to one of America's richest possessions. Few people realize that poor soil profoundly affects the health of a people through lowering the quality of all foods.

In Missouri, your statement of a one-third loss is even too mild. In half of the state's area one-half of the topsoil has been lost and in one-twentieth of the area all of the topsoil has been irretrievably washed away.

WM. A. ALBRECHT

Chairman, Department of Soils
University of Missouri
Columbia, Mo.

"LIFE'S" BROADCAST

Sirs:

It may interest you to know that in our short-wave broadcasts to Germany we have repeatedly used in a descriptive form picture material published in LIFE.

Last week, for instance, we broadcast

(continued on p. 8)

The Big Job Today— is Jobs for All Tomorrow



The gravest shortage which American industry faces today is time—the time necessary to maintain current war production without sacrificing the development of the new and better products which *must provide jobs for all* in the peaceful days of tomorrow.

It happens that Dayton Rubber has grown and expanded during 37 years by *multiplying jobs* through the *pioneering and improvement* of natural and synthetic rubber products.

Naturally as a result of our investment, *over the years*, in patient research, practical testing and controlled manufacturing techniques, we have accumulated a great fund of valuable knowledge about the development, processing and application of rubbers and fabrics of every type.

It is this *priceless experience* accumulated over the years—and now serving the war effort—which Dayton Rubber is glad to share with industry. It is this essence of all our knowledge which *we freely offer* to any manufacturer who is today concerned with the development of new or improved natural or synthetic rubber products which will make living better and jobs more plentiful—tomorrow.

THE DAYTON RUBBER MFG. CO.
DAYTON 1, OHIO

One of the operators of the first Government Dual-unit type Synthetic Rubber Production Plants

Dayton Rubber

MAKERS OF TIRES, TEXTILE MACHINERY PARTS,
PRINTING ROLLERS AND V-BELTS FOR
AUTOMOTIVE, RAILWAY AND INDUSTRIAL USE

Keep on buying War Bonds



The new watch that's thin as a wafer... and big as the world!

● Today the men of Pan American World Airways are roaring across vast global sky routes... carrying vitally important passengers and cargo in their giant Clipper Ships... training military flight and ground crews... building strategic airfields and sea-plane bases.

They're saving the most precious commodity of all today—time! And they're measuring that time with Gruen precision watches like the one above.

It's the Gruen Pan American—the thinnest, smartest watch to ever have big-watch accuracy!

And it's numbered up to 24 to give air-world time. In fact, in every respect it's the watch of the future.

Necessarily, our government requirements for these watches come first... And Gruen Pan American models for civilian use may not be available for some time.

And because we at Gruen are making precision instruments for war, we are producing only such quantities of watches as will not interfere with our part in attaining Victory. Nevertheless, you can still find at your Gruen jeweler's other Gruen models made to the same exacting standards of accuracy and by the same skilled craftsmen who created Gruen Pan American.

THE GRUEN WATCH COMPANY, TIME HILL, CINCINNATI, OHIO
IN CANADA: TORONTO, ONTARIO



BUY A
GRUEN WATCH...
BUT BUY A
WAR BOND
FIRST!

GRUEN... MAKERS OF THE PRECISION WATCH... AND PRECISION INSTRUMENTS FOR WAR

"PRECISION" AND "THE PRECISION WATCH" ARE THE REGISTERED TRADE MARKS OF THE GRUEN WATCH COMPANY.

AMERICA'S CHOICE SINCE 1874

COPYRIGHT 1948, THE GRUEN WATCH COMPANY

NO GAS TO WASTE!

SAYS RUBE GOLDBERG



TRAMP (A) PICKS UP CIGAR BUTT (B), PULLING STRING (C) AND UNVEILING STATUE OF CUPID (D) — LOVESICK SWAIN (E), INSPIRED BY CUPID, PROPOSES TO GIRL (F), WHO SHAKES HEAD "YES", SPRINKLING PEPPER (G) ON NOSE OF BABY HIPPO (H) — HIPPO SNEEZES ON SAIL (I), SENDING CAR FORWARD — GIVE NEWLYWEDS WAR BONDS FOR A WEDDING PRESENT — AND DON'T FORGET TO KEEP ON BUYING THEM FOR YOURSELF.



Save every gallon you can for war needs—
sound your Z for...

PENNZOIL

Oil is the Key to Saving Gas!



DON'T LET JOINTS "PETRIFY"!

Rubber gets hard when it is not used. If your car is being used less to save gas for war, have your serviceman protect its rubber pads and bushings with special preservative.

FREE! 16 pages of facts and illustrations, on "How to Keep Your Car Alive." Write Dept. AL, The Pennzoil Co., Oil City, Pa.

Valves and piston rings coated with sludge or varnish let some of the power of each explosion leak past. Only when these parts are clean do you get best gas mileage.

Pennzoil Motor Oil is refined from Pennsylvania oil especially to resist sludge and varnish formations. Its tough, slippery film protects hard-to-replace parts, helps keep your car alive. Next time you need oil, be sure to sound your Z for Pennzoil!



*Registered Trade-mark

PENNZOIL® GIVES YOUR ENGINE AN EXTRA MARGIN OF SAFETY

LETTERS TO THE EDITORS

(continued)

full descriptions of your series on Naples and on "Europe's Clothes" (LIFE, Oct. 18).

FIELD HORINE

Columbia Broadcasting System
New York, N. Y.

LEE'S FAREWELL ORDER

Sirs:

I was much interested in the article in your issue of Oct. 18 containing a photograph of the farewell order of General Lee to his troops after Appomattox.

My father, Colonel Charles Marshall, was on General Lee's staff and acted as his military secretary and was the only Confederate officer to accompany him to the meeting with Grant.

Upon their return my father, at General Lee's direction, prepared the original of this farewell order while seated on an ammunition wagon and guarded by a sentry to keep him from being interrupted by the great number of officers who had come up to find out what went on at the surrender conference.

After the order was completed and signed by General Lee, it was copied by the headquarters clerk in sufficient number for distribution to the various division commanders, and afterward many of them brought these copies to General Lee and asked him to sign them personally, which he did. Your letter is probably one of these signed copies, for I have the original.

CHARLES A. MARSHALL

New York, N. Y.

EPIGRAPH

Sirs:

A letter in LIFE for Oct. 18 shows a picture of a very old tombstone to be seen in Blackpool, England. I am enclosing a snapshot of a similar tomb-



WINCHESTER TOMBSTONE

stone at Winchester, England, with an inscription of considerably more literary interest. The opening lines of the inscription read:

"In Memory of
Thomas Thetche

a Grenadier in the North Reg of Hants Militia who died of a violent Fever contracted by drinking Small Beer when hot the 12th of May 1764, Aged 26 Years. In grateful remembrance of whose universal good will toward his Comrades this Stone is placed here at their expense as a final testimony of their regard and concern. Here sleeps in peace a Hampshire Grenadier

Who caught his death by drinking old small Beer
Soldiers be wise by his untimely fall
And when very hot drink Strong or none at all;

GEORGE F. KENT

Haddonfield, N. J.

Westminster
AMERICA'S FINER SOCKS



Thirty days hath November
Mighty chilly, too, remember...
Better get Westminster hose.
Every man who wears them knows
That when you're shivering
In the stadium
These socks are worth
Their weight in radium.



Smart protection from the cold...
In styles to suit the hunter bold
As well as business men discreet
Who like Westminster's patterns neat.
America's finest—that's our boast
You'll hear it echoed coast-to-coast
By men who know sock comfort best
Westminsters pass the winter test.



Westminster
AMERICA'S FINER SOCKS

FOR THIS CHRISTMAS... AND A LIFETIME

This Christmas, give the best, the most treasured possession of all — the bright gift of knowledge.

Encyclopaedia Britannica, with its twenty-four handsomely bound volumes, prepared by the world's finest minds, is a gift that will bring pleasure to every member of your family. The most complete and authoritative reference set in the world, it will enrich the lives of those who own it for long years to come.

Encyclopaedia Britannica is easy to own; you will be particularly interested in the special purchase plan effective between now and Christmas. With it comes the Britannica Book of the Year, a graphic summary of the past year's achievements in every field of human endeavor. The Britannica Book of the Year keeps you constantly up to date on encyclopaedia material.

As a Britannica owner you have immediate access to the Britannica Library Research Service, which answers all reasonable questions thoroughly and quickly.

This year, more than ever before, Encyclopaedia Britannica is a necessary part of the life of every thinking American family. Make this Christmas a time to remember for a lifetime... for, if you purchase now you will become the proud owner of one of the first sets of Encyclopaedia Britannica to be produced under the ownership and carrying the imprimatur of the University of Chicago.

ENCYCLOPAEDIA BRITANNICA

BRITANNICA JUNIOR

BRITANNICA JUNIOR

A modern encyclopaedia for young people, easily within the mental grasp and understanding of children of Elementary and Junior High School age. Edited by the staff of world-famous Encyclopaedia Britannica. Profusely illustrated. New owners receive the privilege of obtaining up to 50 confidential, individually prepared Library Research Reports in answer to questions relating to the customary problems of children.

ENCYCLOPAEDIA BRITANNICA, INC.
20 NORTH WACKER DRIVE, CHICAGO 6, ILLINOIS

SPEAKING OF PICTURES...

... WHITNEY DARROW SPECIALIZES IN MANHATTAN HUMOR



"ALL RIGHT, BOYS, SANTA IS ON THE FIFTH FLOOR!"



"TO PUT IT FRANKLY, MR. MORGAN, I DON'T
FEEL I'M GETTING MY SHARE OF THE GRAVY"



"TWO, PLEASE"



"LOOKED TO THE BILLS, HEARDON LUNGED TOWARD
THE SUPINE FIGURE ON THE RED-PLUSH COUCH"

Whitney Darrow Jr. is a cartoonist who uses New York City as a stock in trade. Without seeming limited, his humor is almost always built around situations peculiar to life on or near Manhattan's Fifth Avenue. His new book, which has the fascinating title, *You're Sitting on my Eyelashes* (Random House, \$2.50), is full of this. A few examples are shown here.

Son of a well-known New York publisher, Whitney Darrow began his cartooning career at Princeton (Class of '31). His early professional work appeared in many magazines, but he was always strongly influenced by the style of *The New Yorker*. Today his work appears regularly in that Manhattan magazine. The title of Darrow's book has been a source of not

unpleased puzzlement among readers. He hopes they will be baffled into buying it, but actually the title has logical meaning. It is a line from one of his cartoons concerning a lady who has lost her false eyelashes in a theater. In course of searching for them she says to an astonished gentleman "I beg your pardon, but I think you're sitting on my eyelashes."



"OH, GOOD! WE HAVE ONE LEFT OVER FROM LAST NIGHT"



"BETTER STOCK UP ON JELLY BEANS"



"IT'S SO HARD TO TELL WHETHER PEOPLE WILL MIX OR NOT"



"I SIZE YOU UP, SIR, AS A NATURAL FOR OUR SPECIAL HAND-SEAT"

How to boss a BOFORS!



This brilliant 40 mm. anti-aircraft gun... American-built... fires 130 rounds a minute... takes heavy toll of enemy planes according to authentic battlefront accounts



Into action at better than 40 per rolls the U. S. Army's famous 40 mm. AA cannon. You and your gun crew of fourteen bounce along in the truck. A few minutes ago enemy strafers cut loose at you. Now you swing into a supply dump. You light and get to work. Those so-and-so's will be back.



Open for business in 90 seconds. The months of training count now. Outriggers hit the ground. Cranks level the four jack supports to steady the gun... the traveling wheels are retracted. Ready hands break out ammunition. In less than 2 minutes you're ready for Jerry, for Tojo, for the Devil himself!



Mechanical brain sights gun. As much as 100 feet behind your gun is the box-like Director. Three men sight oncoming planes. Left, the elevation setter. Right, the azimuth setter. Behind, the lad who follows your tracers—plots the range. All feed data to the Director which automatically holds gun on target.



Firing 130 rounds a minute is just average. You often reach 150. On target, the commander orders, "Fire!" And your loader steps on the pedal that slams the gun into action. Stripped to the waist, the loader drops in clip after clip of shells in 4's—high-explosive for aircraft... armor-piercing for tanks.



The barrel gets red hot. The 40 mm. barrel of highly-tempered steel must be changed often. Your crew shifts a barrel in 20 seconds. That funnel "flash hider" on the barrel prevents your fire from blinding azimuth and elevation setters. For, if the Director gets knocked out, the gun is operated by hand.



"94 planes destroyed in Guadalcanal fight"—this historic headline is typical of the many actions where American 40 mm. guns have played a decisive part. At Gela Beach in Sicily the U. S. Rangers used these guns against German Mark III and Mark IV tanks—held the beach until reinforcements arrived.

WHEN CHRYSLER CORPORATION was asked by the Army and Navy to build Bofors anti-aircraft guns, it was the first time that manufacture of them in quantity had been attempted.

This meant that the first job of our engineers and manufacturing technicians was to re-dimension every part to meet the exacting requirements of volume production methods.

The skills, experience and high precision standards developed through years of building millions of fine cars and trucks made it possible to do this job and get into quantity production in record time.

Working closely with Army and Navy technicians, many time-saving, material-saving economies have been achieved. In producing one part, the amount of steel has been reduced 50%. In another case, assembly time has been cut 97%. And there are numerous other instances.

Chrysler Corporation makes two models of these 40 mm. weapons: single-barrel, air-cooled, for the Army; twin-barrel, water-cooled, for the Navy. Thousands of these guns are serving with our fighting men on land and sea.

BACK THE ATTACK—WITH WAR BONDS

WAR PRODUCTS OF CHRYSLER CORPORATION
 Tanks • Tank Engines • Navy Anti-Aircraft Guns • Army Anti-Aircraft Guns • Bomber Fuselage Sections • Bomber Wings • Bomb Racks • Bomb Shackles • Fighter Landing Gears • Aluminum Alloy Forgings • Aluminum Alloy Castings • High Powered Aircraft Engines • Cyclo-weld Cement • Wide Variety of Ammunition • Anti-Tank Vehicles • Command Reconnaissance Cars • Troop and Cargo Motor Transports • Ambulances • Weapon Carriers • Gyro-Compasses • Navy Pontoons • Marine Tractors • Harbor Tugs • Marine and Industrial Engines • Smoke Screen Generators • Air Field Sheds and Fire Fighting Equipment • Powdered Metal Parts • Centrifugal Furnaces • Tent Heaters • Refrigeration Compressors • Field Kitchens • and Other Important War Equipment.

Chrysler Corporation buys materials or services from over 9800 subcontractors in 856 towns in 39 states.

TUNE IN MAJOR BOWES EVERY THURSDAY, C. S. 5, 9:00 P.M., E. W. T.

CHRYSLER CORPORATION

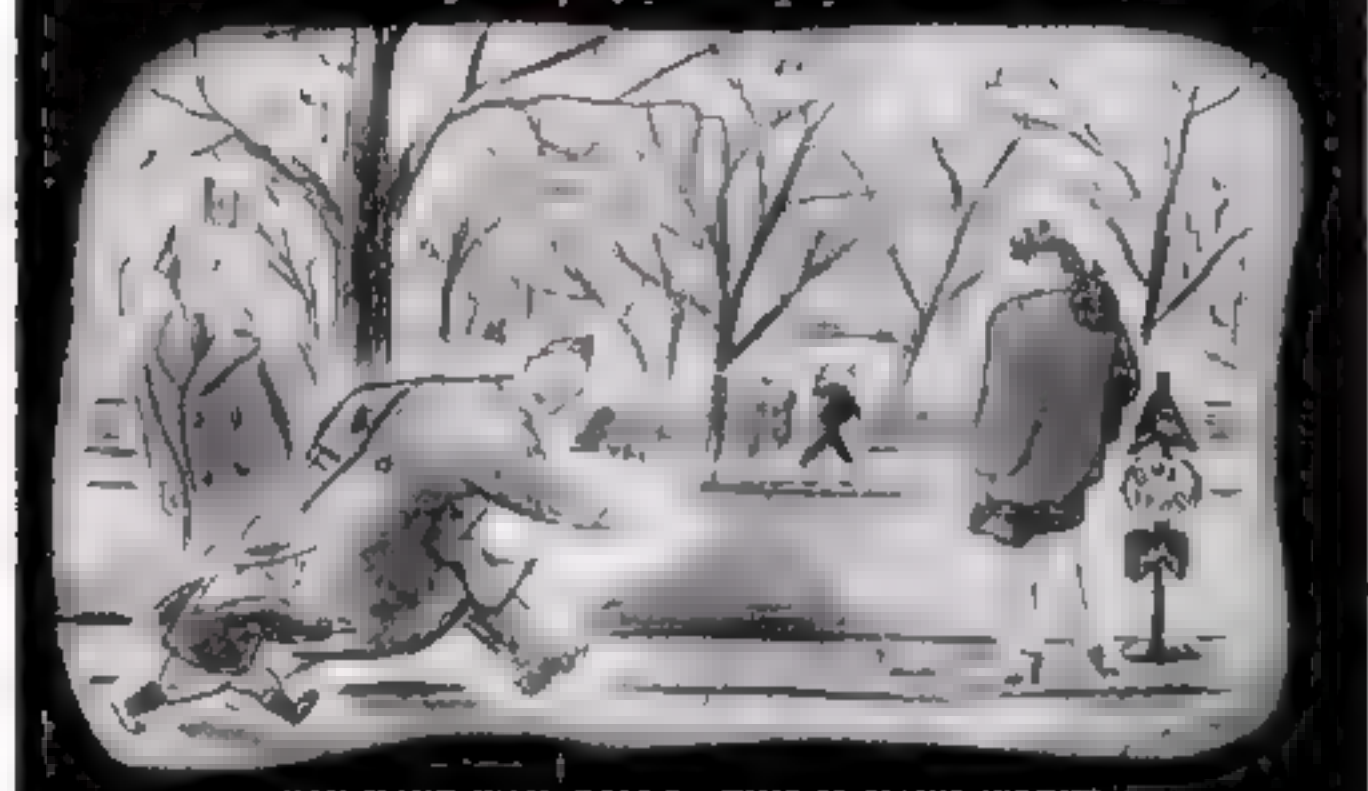
PLYMOUTH • DODGE • DE SOTO • CHRYSLER

SPEAKING OF PICTURES

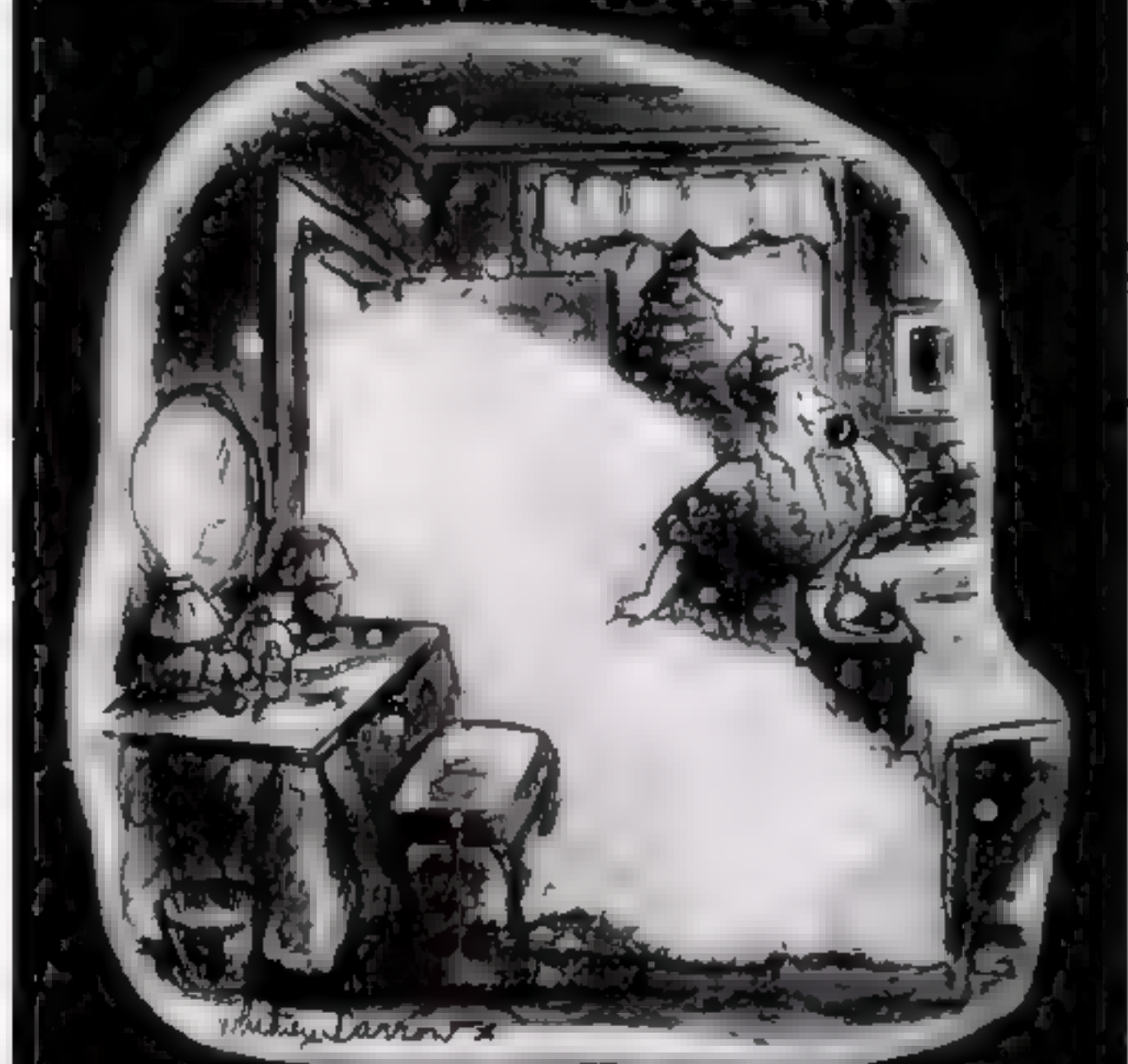
(continued)



"RANDALL IS JUST BECOMING GIRL-CONSCIOUS"



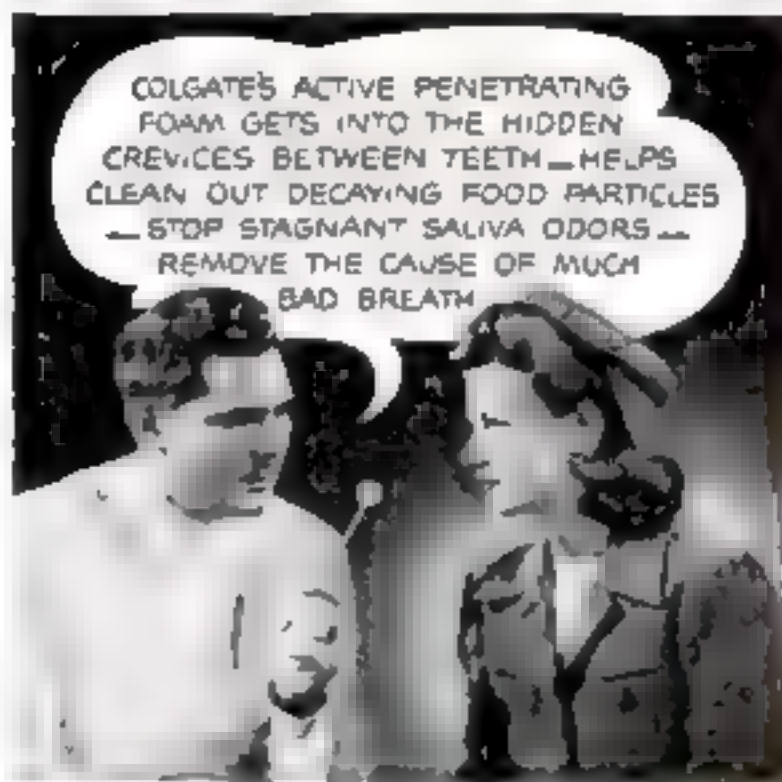
"ON YOUR WAY, ROLLO, THIS IS MAN'S WORK"



"MY DEAR, YOU NEVER SAW SUCH DUDS!"



"OH, DEAR. BLUE MONDAY AGAIN"



Tune In! CAN YOU TOP THIS — Saturday Night — NBC Network

THE ONE PAIR OF SHOES YOU CAN BUY
SHOULD BE THE FINEST YOU'VE EVER WORN

FLORSHEIM SHOES

for Longer Rationed Wear



The MILBURN S-750

Florsheim solves the problem of *fewer shoes* by providing you with *better shoes*—designed and built to wear longer. Care for the shoes you own; buy new shoes only when you need them—and then insist on the best. Remember, America's fighting men are hard on shoes; you can't afford to be.

Florsheim



Most Styles
\$10.50 and \$11

Shoes

THE FLORSHEIM SHOE COMPANY • CHICAGO • MAKERS OF FINE SHOES FOR MEN AND WOMEN

LIFE'S REPORTS

LIFE AMONG THE RUINS

by WILMOTT RAGSDALE

For several evenings now the planes have roared directly over downtown London on their way to the continent. Theater and dinner crowds stand about watching as though they were at an air show. This is one of the rare times when the people can actually see the air forces they read about in the papers. The planes are spaced so that just as one flight disappears beyond the skyline another comes into sight from behind. The procession goes on until the people get tired of looking up.

Their remarks show the excitement and the pride they feel. The remarks also show the softened English attitude toward their oldest enemy. "Listen to them roar, by God." And then remembering the blitz. "Thank God, they're not the Jerries."

In the early autumn twilight some of the planes blink their lights as they move along low over the roof tops. The lights seemed to remind the people down in the streets that there are men in the great machines. "Those poor boys," a woman says. And recalling the blitz again another adds, "And the poor people that'll get bombed."

This is not to suggest that all the indignant anger is gone. But hate is more often posed by an intellectually-minded girl trying to be shocking over a cocktail. "You who haven't known what it is to be bombed . . . don't understand the *lay-it* that we who have been through it have. It's something down here . . .," and she delicately indicates her midriff. On the whole, the anger, if it is not gone, is mellowed and less emotional. Time has run since the Germans were killing Londoners on their doorsteps. Moss and fern have softened the once-stark silhouette of the city's dilapidation. Weather has shaded the jagged face of blasted stones. New habits have drawn the irk from wartime inconveniences and England is once more a pleasant place to live. At least it is pleasant to the superficial view. And this unprobing look is much more prevalent among American visitors than the scrutiny of those busy getting to the bottom of things.

Ordinary walking is more agreeable than in prewar days as there are fewer fuming cars in the narrow and once-dark streets. The sunlight slants now through weathered ruins undeniably more attractive than many of the shabby structures they replaced. The wrinkled, weather-faced flower girls have returned to Piccadilly. The hurdy-gurdies again beat out melodies in the Soho streets behind the Circus. And above the city the barrage balloons, far from warlike, give the town a festive look, as though they were part of a fair.

War is not forgotten, but neither is it put forward. Uniforms, which on second thought connote tragedy, at first glance make the city crowds look all the gayer. Royal Marines with white helmets and blue uniforms, Scotsmen in kilts and red-and-white-checked caps. The two-toned uniforms of the American officers contrast with the plain khaki

CONTINUED ON PAGE 11



A messy churchyard at Bray affords quiet pleasure to a doughboy and his English girl. Time and the English weather soon coat the blitz ruins with a similar patina of age.



Superhuman escort to victory... *and beyond*

"THE INVISIBLE CREW"

Beside our fighting men in planes and ships and tanks, there rides an escort—invisible, superhuman—multiplying their sight and hearing, multiplying the strength of their avenging arms. It is "THE INVISIBLE CREW" of Bendix.

Equipped with "THE INVISIBLE CREW", our Vehicles of Victory become the Transports of Tomorrow. Those tanks have Bendix Radio* equipment and Pioneer* instruments that make them always-gating brothers of the Bendix-equipped ships at sea. Jeeps and trucks have their INVISIBLE CREW including revolutionary

brake systems about which you will hear much. And in a big bomber more than 200 Invisible Crewmen serve throughout every flight... from the first impulse of Eclipse* starters, to easy stops on Bendix* Pneumatic Landing Gear.

These creations of Bendix engineering now mass produced by many thousand precision workers in more than 30 plants are helping to carry the war to the enemy on all fronts. And THE INVISIBLE CREW will serve a whole new age of transportation. It is a SUPERHUMAN ESCORT that rides to Victory... and beyond.

SOME FAMOUS MEMBERS OF "THE INVISIBLE CREW"
PIONEER* Flight Instruments. BENDIX RADIO* Aviation, Detection, Communication Equipment. SYRINGER* Aircraft Injection Carburetors. ECLIPSE* AVIATION Starters, Auxiliaries. ECLIPSE MACHINE Starter Drives. SCINTILLA* Aircraft Ignition. BENDIX* PRODUCTS Stromberg Automotive Carburetors, Landing Gear. FRIEZ* Weather Instruments. ZENITH* Carburetors. BENDIX MARINE* Controls.

THE INVISIBLE CREW
Bendix
Aviation Corporation

THE VEHICLES OF VICTORY... ARE THE TRANSPORTS OF TOMORROW

Food fights for freedom don't waste it — save it!



Turn over your left-overs!

1½ cups of ground left-over cooked beef, veal, lamb or pork will make six delicious meat turn-overs. Here's how: Melt ¼ cup drippings, add 3 tablespoons flour, 1 cup milk. Cook until thick. Season with ¼ teaspoon salt, 2 tablespoons diced onion, ¼ cup chopped green pepper. Add ground meat. Place on six-inch squares of regular pastry. Fold over in triangles. Trim edges. Bake at 425 F. for 20 minutes.

Use these food-saving ideas from Armour to cut waste in your home and help conserve America's vital food supply

If you will save as little as a spoonful of food a day, you will help shorten this war. Food is the most important need of our fighters, our allies and civilians at home. But unless we stop the needless, careless waste in our homes, America won't have enough food to go around.

Right now, we are wasting 15% of all the food that comes into our homes. 15%! That's enough to feed all our armed forces. More than all the food we've shipped to our allies to help turn the tide to victory. And we are throwing it away!

No one throws away food in *quantity*. We throw it away by spoonfuls. We don't eat all the good food on our plates. We let some food spoil. We don't use all our leftovers. We waste food in *little* ways — but they add up to 40 billion pounds of food wasted every year in America.

From now on, don't waste a spoonful. Use carefully every bit of the precious food that comes into your home. Follow the food saving suggestions on this page. Devise other ways to stretch America's vitally important food supply. It's something we must do to help shorten this war.



Rules to remember when buying meat

Buy only as much as you need: Allow ¼ lb. per serving for boneless meats (hamburger, liver, heart). ¼ to 1 lb. of poultry per serving. ¼ to ½ lb. of meat containing bone (roasts, stew). ¼ to 1/6 lb. of fresh or smoked sausage. 1 oz. of dried beef or hard sausage.



Easy way to extend butter!

To make butter go further, soften slightly, cream lightly as you would for cake, then chill. This will actually increase the bulk, yet the butter retains its same fine flavor. And most important, the butter goes further for spreading on hot breads, sandwiches, etc.



Sausage drippings save points

Use sausage drippings in place of butter when making a cream sauce for cauliflower, cabbage, onions, etc. Also use for frying eggs, French toast, or mush. Or to brown bread crumbs to serve over noodles or cauliflower. Or to season green beans or squash.



Save egg yolks for sandwich filling

If you have extra egg yolks, (when whites only are used in cake, etc.), keep the yolks whole, drop them gently into boiling water, then simmer for 15 minutes until hard cooked. Then mince yolks and mix with mayonnaise and chopped pickle, for sandwich filling.



Waste-saving that saves lives

You are helping to eliminate waste when you buy only those meats that have been processed by legitimate packers. For example, animal glands are thrown away by black market slaughterers. But in the Armour pharmaceutical laboratories, such materials are converted into valuable medicines that may mean life itself to you or some member of your family—or to some soldier on the fighting front. Refuse to patronize black markets.

© ARMOUR AND COMPANY

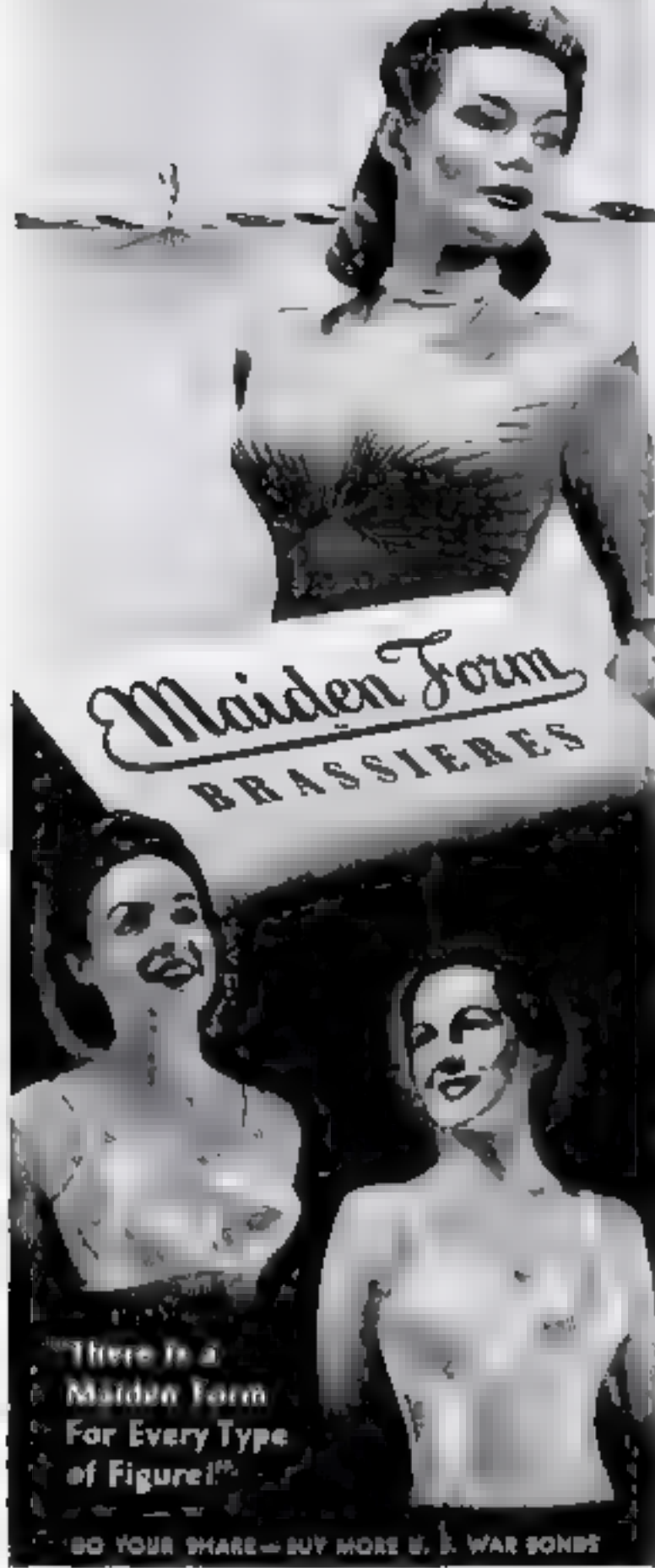


Armour and Company

Makers of Star Ham and Bacon • Star Beef, Lamb and Veal • Star Sausages
Star Canned Meats • Cloverleaf Poultry and Dairy Products

Suppliers of meat and dairy products for America's
military and civilian needs.

...for superb support and
lovelier bosom contours



Hollywood Starlet Elyse Knox says "Hollywood girls are going overboard in a big way for the grand new Rayons made by Cannon. They're the nicest I've worn. So-o-o sheer. And they really fit around the ankle."

Elyse has a word of advice for you. "All rayons tend to go delicate on you when they're wet. Wash 'em gently," says she. "Give them at least 36 hours to dry. But then—watch them wear. They're marvels!"

Cannon Hosiery

HI-TWIST RAYON

MADE BY THE MAKERS OF
EIGHT TOWELS AND SHEETS



LIFE'S REPORTS (continued)

of the British regular Army and the blue of the R.A.F.

The expression "the cafes are full" would be appropriate if London were a cafe city. But the hotel bars, the mixed-drink "American bars" and the pubs are full. The Bath House pub in Dean Street takes a righteous attitude of censure toward teetotalers. A sign over the bar reads, "You don't undress when you come to *this* Bath House. So don't drink water." At the same time Vic, the publican, would frown on any guest who misjudged his capacity. At both dinnertime (noon) and supper the people from nearby offices drink mild and bitter ale as they wait for a seat at the small wooden tables or on an old-fashioned stool at the food bar. While they wait, Harry Leon, composer of popular songs, pounds the upright piano in the corner and another customer sings. Sometimes everybody joins in.

At the food bar Vic or his wife, Mrs. Ruffell, ladles out soup, bread and butter (not margarine), rabbit, roast beef or ham (not Spam*), potatoes and cabbage or fresh crisp lettuce with a tomato, and follows with a hot dessert of jam roll or suet pudding or not too biting cheese. The bill is 2/6 (50¢).

Eating in London can also be expensive. The windows of fruit stores are heaped, like the end of a cornucopia, with egg-sized grapes, ripe peaches, cherries and strawberries. Some fine cantaloupe-like melons caught my eye. When I pointed them out asking what, exactly, they were, the clerk replied that they were different prices. "That one," she said, "is 50 shillings [\$10]." Other seasonal fruit is correspondingly high—one large peach: \$1. But even at this price there is never too much fruit for the buyers willing to pay. A hostess can insure exclamations of delight and provide for five minutes' dinner conversation by purchasing a melon or some grapes.

Clothes are increasingly hard to come by; yet everybody is well and often smartly dressed. With the few coupons permitted for new clothes there is a wide selection. Windows are crowded with West Country flannels, cashmere sweaters and Harris tweed suits for as little as \$25, and thousands of silk-type stockings down to 35¢ per

* In criticizing a play a London writer sneered, "It wasn't even ham. It was Spam."

CONTINUED ON NEXT PAGE

Sunbeam AUTOMATIC MIXMASTER



**IS MAKING
RATIONED
FOODS
GO
FURTHER**

NEW SOY BEAN FLOUR MUFFINS—delicious, high in food value. Makes ration points go further since the protein value of soy flour is twice that of meat. Easy to make with Mixmaster to beat the eggs, soy flour and milk to a smooth, even consistency. It's one of the suggestions included in the new kit of Sunbeam Victory Recipes. All on handy 3" x 5" cards for your file. Send for your free set.

**VICTORY RECIPE
CARDS** *free!*

MIXMASTER
has the
EXCLUSIVE
MIX-FINDER
MIXER



MIXING CAKES . FOLDING
MASHING POTATOES
MIXING COOKIES & FRUIT CAKES
JUICING CITRUS FRUITS
WHIPPING POTATOES
WHIPPING CREAM
BEATING UNCOOKED ICINGS
BEATING EGGS
BEATING COOKED ICINGS

● MIXMASTER does the tiring arm-work of cooking, baking, getting meals . . . makes ingredients go farther . . . saves time and money.

● MIXMASTER now doing "wartime duty" in nearly three million American homes. If you have one—care for it well and get the most out of it. If not—buy a War Bond today for your Mixmaster later.

CHICAGO FLEXIBLE SHAFT COMPANY
5400 Roosevelt Rd., Dept. 53, Chicago 30, Ill.
Canada Factory: 321 Weston Rd., So., Toronto
Over Half a Century Making Quality Products



"THIS MONTH'S WAR BOND IS FOR MY NEW
Sunbeam MIXMASTER AFTER VICTORY"

● There have been no Mixmasters manufactured at the Sunbeam factory since Spring, 1942. Production of war goods replaced them at that time. But they will be back with Victory.

Famous for Sunbeam TOASTER, IRONMASTER, COFFEEMASTER, SHAVEMASTER, etc.

How are your ethics today?

We Americans are kind of squeamish about shooting down unarmed parachutists...abusing the daughters of conquered peoples... bombing schools and hospitals... executing men, women, and children by the thousands. But some people aren't squeamish about it. In fact, the Japanese are quite good at it, thank you. And how are your ethics today?

As men die without even a fighting chance, it makes you wild... crazy to get your hands on the enemy. You have only to reach into your pocket to do it. It's the old fire-fighting bucket-brigade system. You pass your War Bond dollars on to Uncle Sam. He turns them into cold, hard implements of war, and passes them on to men schooled in the art of modern warfare.

How many of your dollars so desperately needed to win this war have gone into things so inconsequential you don't even know where they went? Ask yourself today... and every day... Am I doing enough? You'll find that you can do more—buy more War Bonds. One single hour's difference in the final Peace can mean saving thousands of lives.

How are your ethics today? Anything less than your complete and willing sacrifice is, in plain talk, sabotage.

FACTS ABOUT WAR BONDS

1. War Bonds cost \$18.75, for which you receive \$25 in 10 years—or \$4 for every \$3.
2. War Bonds are the world's safest investment—guaranteed by the United States Government.
3. War Bonds can be made out in 1 name—or in 2, as co-owners.
4. War Bonds cannot go down in value. If they are lost, the Government will issue new ones.
5. War Bonds can be redeemed, in case of necessity, after 60 days.
6. War Bonds begin to build up interest after 12 months.

LIFE'S REPORTS (continued)

pair. Neither Madame nor the charwoman is likely to go in for these cheap stockings, however, since they won't wear so well. Every woman explains bitterly that if she spent all her yearly coupons on stockings alone she would only have enough for six months. Yet mysteriously almost all the women on any street in London, summer or winter, are wearing stockings—usually of the silk type.

There is always a source of friction within a population half in uniform and half out. The English have a way of finding jokes to minimize frictions: A brass hat in a train, which also held a young man in civilian clothes, spoke loudly to his neighbor about young men who ought to be in uniform. The young man bore this in silence for a time then turned upon the brass hat. "I have heard, sir, what you were saying. Let me tell you, sir, that I am in a reserved occupation. Let me add, sir, that the establishment which employs me is the Foreign Office. And let me further add that, if it hadn't been for the Foreign Office, you would never have had your bloody war."

Tradesmen hard-pressed for service often enough remind impatient customers that there's a war on. But by now the irking retort has been joked out of its irritating implications. In the fury of a battlefield a corporal machine gunner runs out of bullets. He calls desperately for more. A private struggles up with ammunition. The gunner tries the bullets then turns on the private. "God dammit," he shouts above the battle, "these bullets are the wrong caliber." The private indignantly replies, "There's a war on, corporal, you know!"

Americans are slowly becoming a part of this war-adapted English life. They are no longer entirely strangers in a strange land. Of course, some still get in rows, but most just go around half sightseeing and half looking for feminine company. Since there is sufficient of both, the boys with initiative don't have a bad time.

No one walks far in London without seeing a doughboy strolling hand-in-hand with his girl. The English are surprised but not displeased at this public hands-from-across-the-sea technique. A news vendor

BLUE BEARD?



Refers to whiskers, not wife disposal. Be a happy shaver. Use

PERSONNA

Precision Double-Edge Blades

10 for \$1.00
and worth it!

GIFT BOX OF 50 FOR \$5.00

Slow-processed from Swedish Steel
Hollow Ground—Leather Stropped
Straight-razor Precision Keenness
Micro-inspected for Uniformity
Custom Quality Insures Comfort

PERSONNA BLADE CO., INC.
599 Madison Avenue, New York 22, N. Y.



ONE WOMAN'S TELLING ANOTHER

... for simple headaches try a "BC" Headache Powder. Its fast working prescription-type ingredients help soothe minor headache and neuralgic pain. Keep a package handy!

QUICK-ACTING
"BC"
for **HEADACHES**
neuralgic and muscular pains



Headache tip to WAR WORKERS

Headaches tend to slow you down... impair your efficiency. Keep a package of quick-acting "BC" Headache Powder handy and be prepared for that next headache. 10¢ and 25¢ packages at all drug stores. Use only as directed.

BACK THE ATTACK! BUY BONDS...AND KEEP ON BUYING

PUBLISHED IN COOPERATION WITH THE DRUG, COSMETIC, AND ALLIED INDUSTRIES BY THE MAKERS OF

EX-LAX

THE CHOCOLATED LAXATIVE

Briarcraft
Quality

PLUS
a feature which
no other pipe
has!



Pat. No.
2,166,537

One of the \$1.50
Custom-made Smokemasters

You can sense quality and good craftsmanship the moment you examine a Smokemaster. And when you remove the bit, you'll see an added reason why this fine pipe gives such exceptional smoking pleasure. The pipe cleaner in the stem is its BIG feature—for it absorbs moisture from the smoke passage as you smoke. The heel stays dry, the stem stays dry—and you never draw through rank, biting moisture. Try it—we know you'll like it.

IN MANY HANDSOME SHAPES
Custom-made Smokemaster \$1.50 Smokemaster \$1.00

At leading dealers

Briarcraft, Inc., 347 Fifth Ave., New York 16, N.Y.

Briarcraft
Smokemaster

OUR TRADE MARK
WINDBREAKER
REG. U.S. PAT. OFF.



BUY WAR BONDS

ALSO BOYS & JUVENILES

095
Up

America's Most Famous Name in Jackets
A MASTERPIECE OF CRAFTSMANSHIP
WHITMAN SHOWER-PROOF GABARDINE
FULL LINING WITH BAYBRO RAYON
OTHER STYLES, COLORS AND LININGS

JOHN RISSMAN & SON
MANUFACTURERS • CHICAGO

LIFE'S REPORTS (continued)

smiled and called out to a couple with clasped and swinging hands, "Hurry up or you'll be late for school."

Piccadilly Circus is not quite so sinister as some make out. At a glance it has something of the flavor of a village square after dinner. In the twilight the boys and girls stroll about wisecracking and laughing, though some of the Americans do not look optimistic. A pick-up has something more of friendliness and less of business than the quick professional efficiency of a similar meeting in New York.

In Stratford-on-Avon, Americans are numerous among the audience at the Shakespeare plays. Between acts these culture-absorbing doughboys walk out on the veranda overlooking the river, drink milky but hot coffee and watch the white swans and punters. After the play they straggle up curving streets between half-timbered Elizabethan houses singing to the tune of *The Old Grey Mare*:

The Stars and Stripes will fly over Germany,

Fly over Germany, fly over Germany,

The Stars and Stripes will fly over Germany,

Up with the Union Jack.

Even in out-of-the-way country valleys the Americans are walking and bicycling. At Speen they drink nut-brown ale in the pub run by Ramsay MacDonald's poetess daughter, Ishbel. In the Rose Bush pub at Penna they play darts with the villagers and weekending city folk. Along a farm road in Surrey they stop by a field to chat with the British land girls stacking hay.

In London the American soldiers are learning how to get free and reduced tickets to the theaters; learning about the 25¢ nightly dance for enlisted men at the Covent Garden Opera House, and the 65¢ tea dance for officers on Sundays in swank Grosvenor House.

If they are walking out in old London they may hear the evening curfew rung at Lincoln's Inn after the gate is closed. The Thames, dirty in daylight, has the beauty of any river at night. The sirens and small raids excite but scarcely endanger. The enemy is not in evidence.

Who can say it is not pleasant for a doughboy and his English girl to walk among the ruins?

Harry called me a "Two-Timer!"

"Four Eyes": That's what I thought Harry would call me, if I wore my glasses when he took me out. So I kept suffering blindly in public, until one day on the street, I passed Harry up like a stranger. Later he took me to task.



"Two-Timer, that's what you are," he said. "You're two-timing your eyes, two-timing your charm, because the strain without glasses makes you squint. And besides," he added, "the right glasses can make you look smart as a whipl!"



Smart is right! You get the smartest glasses to be seen in . . . the smartest to look through . . . when you choose the famous *Shuron* mounting made by Shuron, the nation's style-leaders in smart eyewear. When you ask for *Shuron* mountings, please be patient if you have to wait. Shuron's work for Uncle Sam comes first, you know.

Beauty in Strength

Note these superior Shuron features that have led professional men to prescribe millions of *Shuron Ful-Vue* mountings: (1) "Frame strength" with "rimless appearance"; (2) Patented construction eliminates lens strain; (3) Two-point suspension reduces lens breakage to a minimum; (4) Your choice of three flattering bridge styles.



Remember—the price you pay for eye care is an important investment in your health. Be wise in your choice of professional service and the glasses you wear.

Shuron

SMART EYEWEAR



Dear KLEENEX:
I've got Sniffles
And miss your tissues so -
Why don't you make lots more?
Yours truly
Betty Jo

Betty Jo
Thank you
10-10-44

Dear Betty Jo:

Our Uncle Sam's
At war . . . needs paper, too.
He's given us a quota, and
We have to make it do!

Yes, we could make more Kleenex. If
We skimped on strength and size.
But quality's a thing on which
We will not compromise.

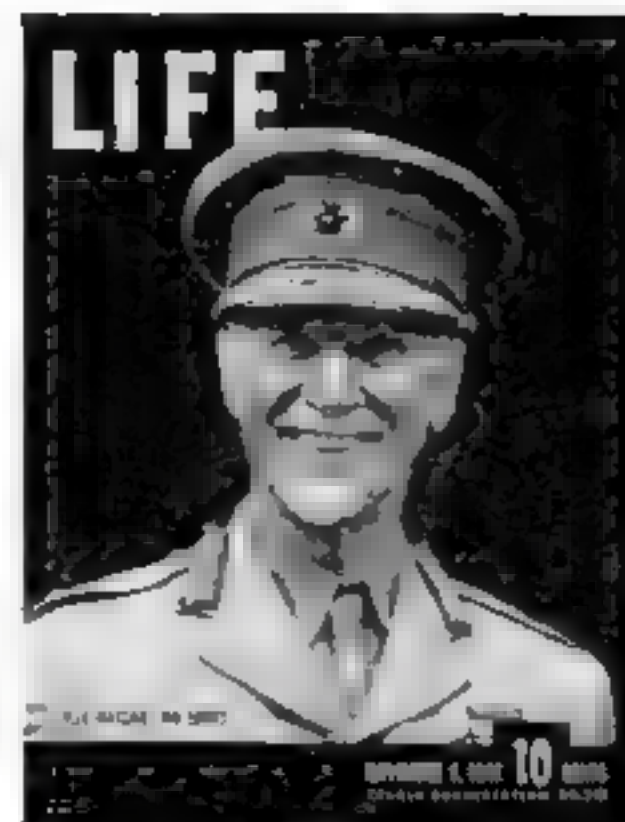
Regardless of what others do,
Be sure we'll never fail
To keep up Kleenex quality
In every last detail.

P. S.
Do try your dealer soon again
He ought to have more Kleenex then.

Every Minute Counts!

Authorities say $\frac{1}{4}$ of all work-time lost in war industries from illness is due to the common cold! To reduce absenteeism use Kleenex at the first sign of a sniffle and help keep your cold from spreading to others. Kleenex as a handkerchief is kind to your nose, your neighbor, your nation! You use each tissue just once, then destroy—germs and all!

KLEENEX* TISSUES
VT. M. Reg. U. S. Pat. Off.



LIFE'S COVER: Field Marshal Jan Christiaan Smuts, Prime Minister of the Union of South Africa who is currently visiting London, was last week rumored to be considering a flying visit to the U. S. on his way home. A close-up appraising the Empire's No. 1 elder statesman by LIFE Editor Noel F. Busch, who met and talked with the Prime Minister when in South Africa last year, appears on pages 104-116.

EDITOR
Henry R. Luce

MANAGING EDITOR
John Shaw Billings

EXECUTIVE EDITORS
Daniel Longwell, Wilson Hicks

ART EDITOR
Worthen Patton

CHIEF EDITORIAL WRITER
Russell W. Duvenport

SENIOR EDITORS: Noel F. Busch, Roger Butterfield, David Curt, Joseph Kastner, Joseph J. Thorndike, Jr.

ASSOCIATE EDITORS: Lincoln Barnett, Don Burke, Robert Coughlin, John Field, Richard Lauterbach, Gerard Noel, Maria Sermolino, Margit Varga, Richard Wilson, Assistant Associate Editors, Peter S. Cardozo, Dennis Flanagan, George Frasier, Caroline Iverson, Lisbeth de Morin, John Purcell, Jean Speiser, Philip Woolton, Jr.

SENIOR RESEARCHERS: Bernice Shrifte (Chief), Ruth Adams, Margaret Bassett, Earl Brown, Tom Carilla, Gertrude Epstein, Suzanne Hammond, Shirley Herzig, Elaine Brown Keiffer, Dorothy Larson, Helen Morgan, Jeanne Perkins, Lillian Rizey, Katharine Scherman, Shelby Smith, Dorothy Sterling, Marion Stevens, Lura Street, A. B. C. Whipple.

RESEARCHERS: Marion Bradley, M. E. Crockett, Lee Ellington, Henry James, Jr., Frances Levison, Adeline Mills, Helen Pairen, Mary Ann Stewart.

STAFF PHOTOGRAPHERS: Bart Sheridan and John Morris (Assistant picture editors), Myron Davis, Alfred Eisenstadt, Eliot Elisofon, J. R. Eyerman, Marie Hansen, Bernard Hoffman, Wallace Kirkland, Robert Landry, Thomas McAvoy, Hansel Mith, Ralph Morse, Carl Mydans, John Phillips, Hart Preston, George Rodger, David Scherman, Frank Scherachel, William Shrivut, George Silk, Peter Blackpole, George Stock, William Vandivert, Hans Wulz.

PICTURE BUREAU: Dorothy Hoover (Chief), Mary Carr, Alice Crocker, O. A. Graubner, Natalie Kowak, Gertrude Leabey, Ruth Lester, Maude Milar, Margaret Sargent, Grace Young.

LAYOUTS: Charles Tudor, Michael Phillips.

NEWS BUREAUS: David W. Hulbard, Jr. (Chief), Helen Robinson (Assistant), Herbert Breen (Detroit), Bernard Clayton (Honolulu), Gene Cook and Robert Hagy (Chicago), Henry Hough (Denver), William S. Howland (Atlanta), Sidney L. James (Los Angeles), Will Lang (Aigiers), Walter Graebner (London), Felix Belinf Jr. and Ray Mackland (Washington), Holland McCombs (Rio de Janeiro), Paul O'Neil (Seattle), Robert deRoos (San Francisco).

PUBLISHER
Roy E. Larsen

GENERAL MANAGER
Andrew Heiskell

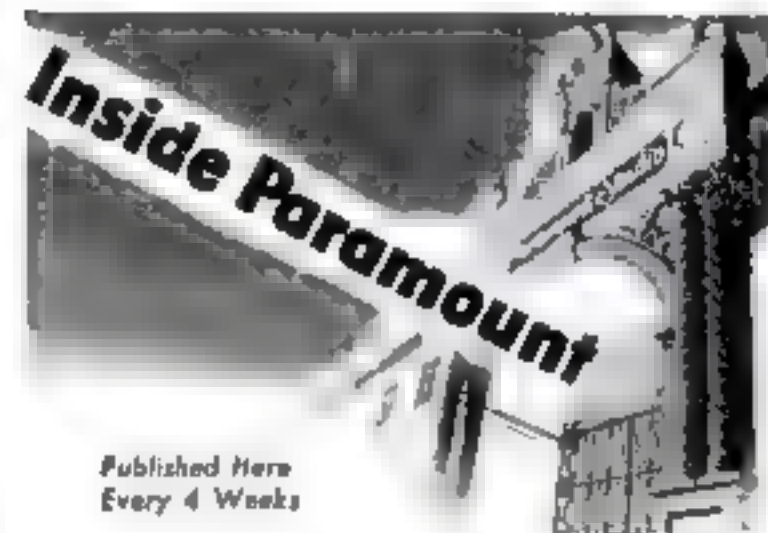
ADVERTISING MANAGER
Howard Black

Subscriptions and all correspondence regarding them should be addressed to CIRCULATION OFFICE, 530 East 57th Street, Chicago 16, Ill.

LIFE is published weekly by Time Inc.—Editorial and Advertising offices TIME & LIFE Bldg., Rockefeller Center, New York 20, N. Y.—Maurice T. Moore, Chairman, Roy E. Larsen, President, Charles L. Stillman, Treasurer; David W. Brambaugh, Secretary

Subscription Rates: One year, \$4.50 in the U. S. A. \$5.50 (Canadian dollars in Canada including duty, \$6.00 in Pan American Union; elsewhere, \$10.00; single copies in the U. S. A., 10c; Canada, 12c; U. S. Territories & Possessions, 15c; elsewhere, 20c.

Change of Address: Three weeks' notice required for change of address. When ordering a change please give both the new and old address.



"RIDING HIGH" is the title of the next big Paramount color musical.

"Riding high" is also a neat description of what Paramount and Paramount pictures are doing these days.

We have never been prouder than we are of "SO PROUDLY WE HAIL," "LET'S FACE IT," and "TRUE TO LIFE," and all the nice things so many nice people are saying about them. Have you seen all three?

And the latest accolade to "FOR WHOM THE BELL TOLLS" is Reader's Digest's unequivocal statement that Ingrid Bergman, playing opposite Gary Cooper, "gives the kind of performance that you'll tell your children you saw!" "The Bell" is now in its fourth month on Broadway!

Looking 1944ward, Paramount's future is not only rosy but positively Technicolorful.

Now facing, or about to face, the magic color cameras are the gloriously spectacular "LADY IN THE DARK," from the famous stage hit; the best-selling "FRENCHMAN'S CREEK"; the heroic "STORY OF DR. WASELL"; the musical, mirthful "RAINBOW ISLAND."

Other pictures that will help perpetuate the old Paramount custom of great musicals are "Sing My Way"; "And The Angels Sing"; "Incendiary Blonde," based on the life and good times of Texas Guinan; and radio's "Duffy's Tavern."

So many of your favorite best-sellers will be brought to the screen by Paramount that we can list only a few: "Our Hearts Were Young and Gay"; "The Hour Before the Dawn"; "Hostages"; "And Now Tomorrow"; "The Uninvited" and "Double Indemnity."

Produced for laughing purposes only will be "No Time For Love," "Miracle of Morgan's Creek," "Standing Room Only," "Hail the Conquering Hero," and more of Henry Aldrich.

The list of stars that you will see in coming Paramount pictures is, to say the least, imposing. Alphabetically speaking they include:

EDDIE BRACKEN	DOROTHY LAMOUR
CLAUDETTE COLBERT	FRED MACMURRAY
GARY COOPER	MARY MARTIN
BING CROSBY	RAY MILLAND
JOAN FONTAINE	VICTOR MOORE
PAULETTE GODDARD	DICK POWELL
BOB HOPE	EDWARD G. ROBINSON
RUTH HUSSEY	GINGER ROGERS
BETTY HUTTON	BARBARA STANWYCH
VERONICA LAKE	FRANCHOT TONE

And keep a discerning eye on such notable Paramount comers as Wm. Bendix, Cass Daley, Arturo de Cordova, Gil Lamb, Jimmy Lydon, Diana Lynn, Katina Paxinou, Marjorie Reynolds, Gail Russell and Sonny Tufts.

For stars, for music, for color, for fun—see

Paramount Pictures



*"I feel," said Mrs. Bundy
"like a one-ton truck!"*

MRS. BUNDY doesn't *choose* to market by bicycle. But her gas-eating car's in the shop being overhauled.

No one warned Mrs. Bundy that smoke coming from a car's exhaust pipe is a common sign of excessive engine wear (which might have been prevented with the right kind of motor oil). Otherwise, the smoke she saw trailing behind other folks' cars might have reminded her to take care of her own with Insulated Havoline.

Insulated Havoline Motor Oil prevents premature engine wear *two* ways: it won't break down under engine heat,



yet flows readily when you're starting a cold engine. That's *protection*! And besides, it's a *distilled* oil, free of carbon-forming impurities.

Let every smoking exhaust you see serve to remind you: Stop needless engine wear in your car with Insulated Havoline Motor Oil!

The Texas Company feels that one important part of its war job is to KEEP YOUR CAR ON THE JOB. You're welcome to drive in to any Texaco Dealer's for a check-up of tires, battery, chassis and motor lubrication system.

Tune in the TEXACO STAR THEATRE every Sunday night. See your local newspaper for time and station.



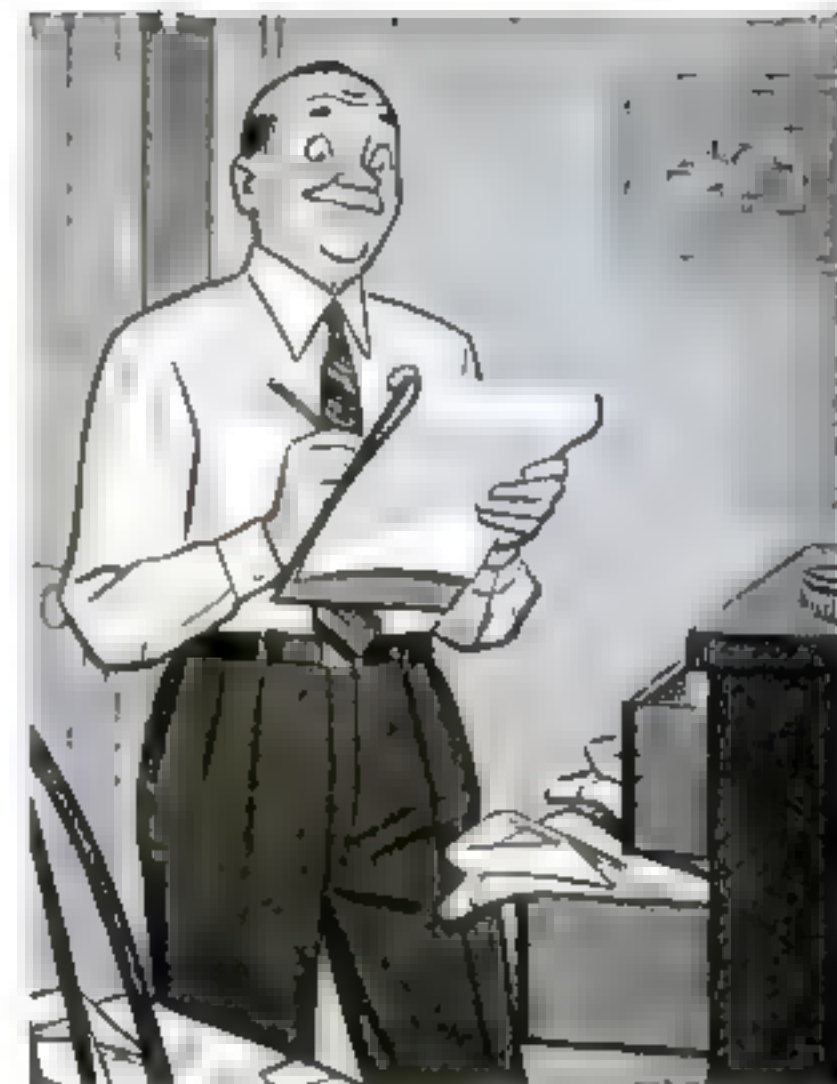
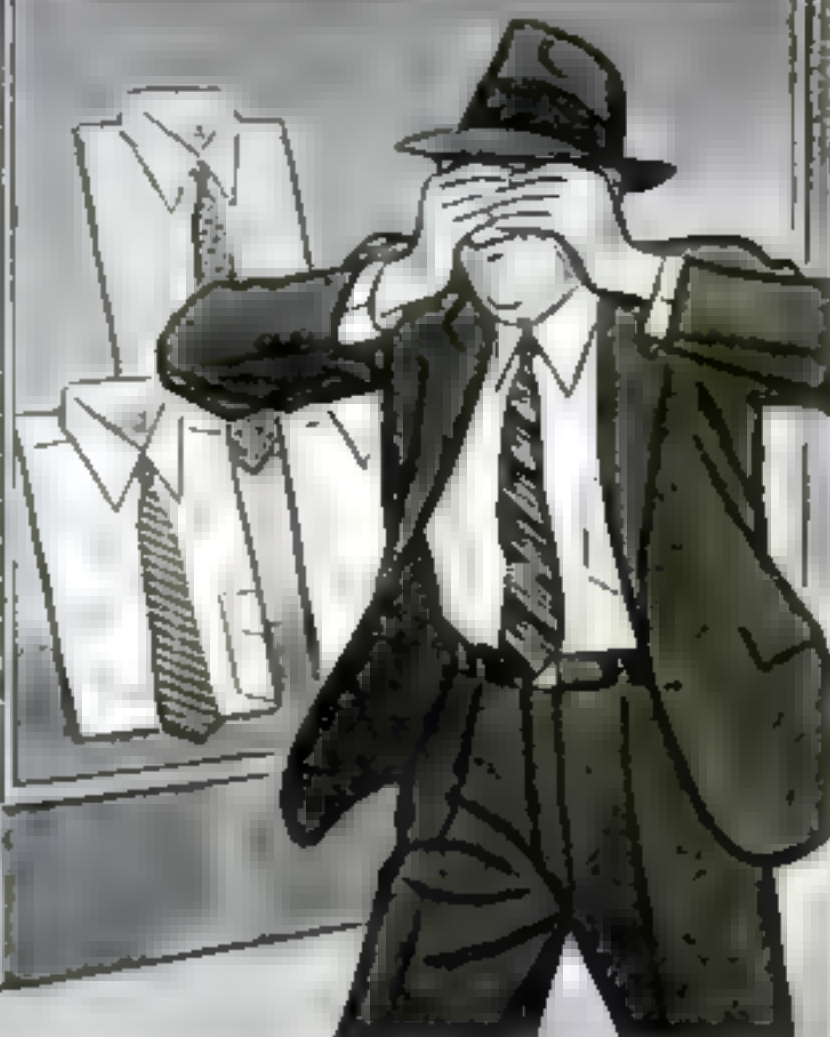
SMOKE MEANS TROUBLE AND WASTED GAS

You're Welcome at
TEXACO DEALERS

Strange

(BUT CORRECT)

way to buy a new shirt



1

Periodically, almost every man feels a new-shirt-and-tie urge creeping over him. Today this urge requires special treatment. There's a war going on, and all of us should buy as few civilian goods as possible, and as many War Bonds as possible.

2

So first check up on how many shirts you already own. If you find you can put off buying new shirts—or new anything—that's just fine, for it'll save both materials and manpower.



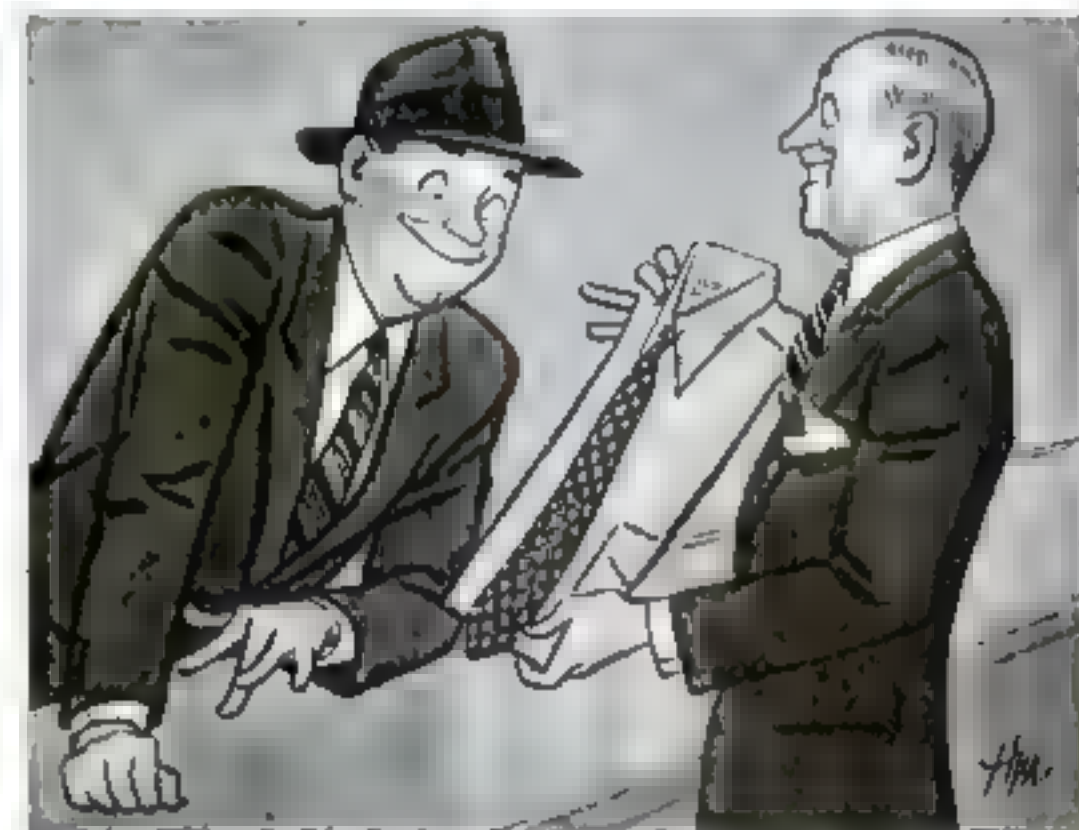
3

Maybe you've been letting some of your shirts lie idle in the dresser drawer because the cuffs or collars were frazzled. If so, dig them out and ask the Little Woman to fix 'em. (It's a cinch to repair frayed cuffs, and even though turning a collar is a much tougher job, the L. W. is probably up to it.)



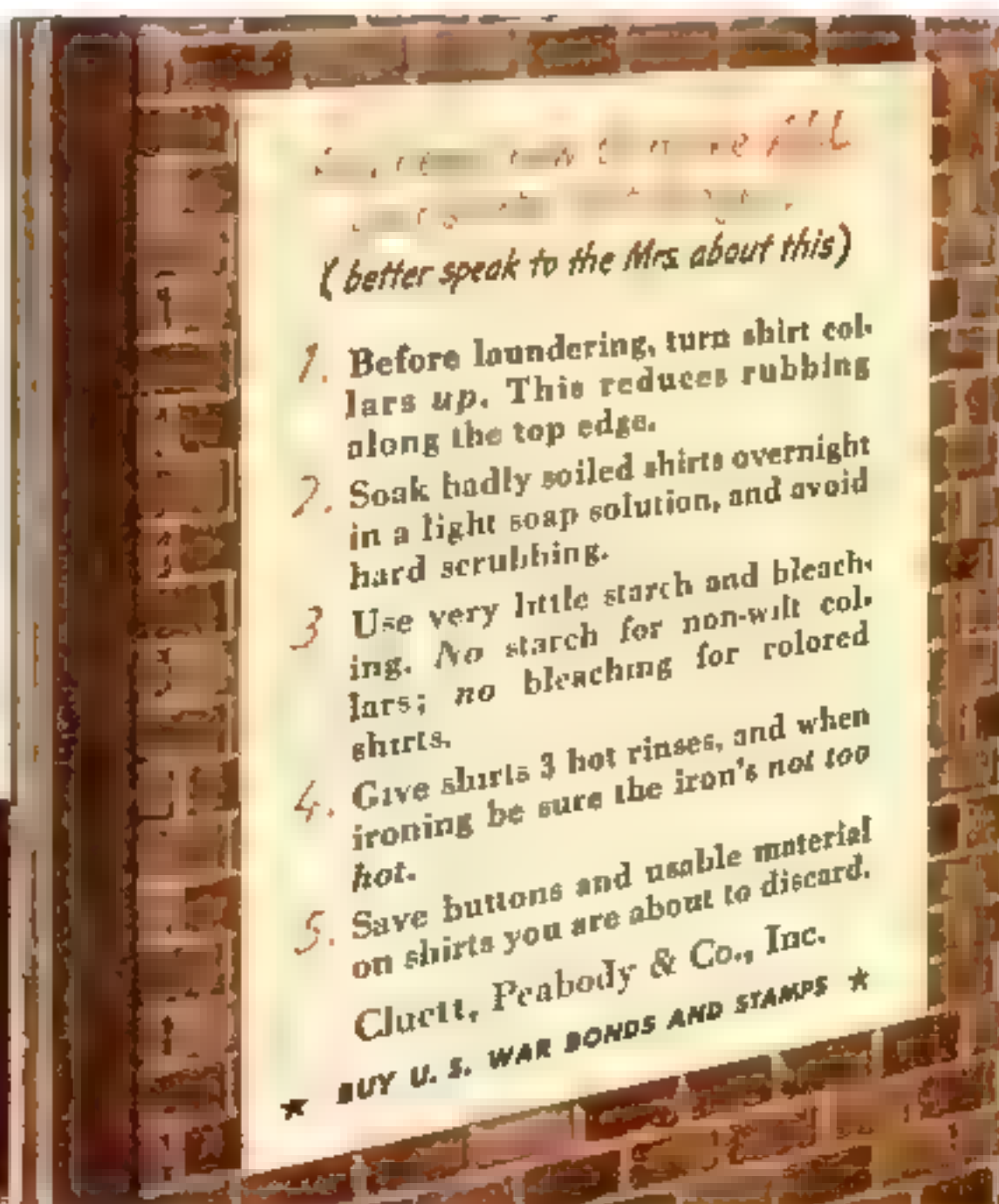
4

However, if you can't salvage enough old shirts to get along, and you really need new ones, honest Injun, then drop in at your Arrow dealer's. For Arrows—made to give long service—are a sensible wartime buy. And only on Arrow Shirts do you find those wonderful Arrow collars—famous over 80 years for trim good looks and perfect fit!



5

The newest Arrow ensemble, called Timbre Tones, is very handsome. But that's not all. Arrow Shirts are "Sanforized"-labeled, won't shrink even 1%. They have anchored buttons, and fabrics pre-tested for durability. \$2.46. Harmonizing Ties (wrinkle-resistant), \$1.50. Shorts (cut extra-full, "Sanforized"-labeled), 75¢. Handkerchiefs, 50¢.



COPYRIGHT UNDER INTERNATIONAL COPYRIGHT CONVENTION. ALL RIGHTS RESERVED
UNDER PAN AMERICAN COPYRIGHT CONVENTION. COPYRIGHT 1943 BY TIME INC.

CONTENTS

THE WEEK'S EVENTS

The Battlefield of Naples	25
Editorial	32
U. S. S. "Lafayette"	33
"Pillars of Peace"	34
Negro Soldier Chorus in London	36
Harry Hopkins' New House	38
War Fund Drive in Colorado	41

ARTICLE

The Battle of Arundel Island, by Lieut. Hugh Barr Miller Jr. U. S. N. R.	57
--	----

CLOSE-UP

Jan Christiaan Smuts, by Neal F. Busch	104
--	-----

PHOTOGRAPHIC ESSAY

An American Black	95
-------------------	----

THEATER

Canadian Navy's "Meet The Navy"	47
Dancer Katherine Dunham on Broadway	49

ARMY

Tank Recovery Units	74
---------------------	----

SCIENCE

Mathematics, the Supreme Intellectual Discipline	79
--	----

WAR LIVING

Bare-Shoulder Fashions	89
------------------------	----

AIR FORCE

Precision Bombing in Marienburg Raid	119
--------------------------------------	-----

OTHER DEPARTMENTS

Letters to the Editors	2
Speaking of Pictures: Whitney Darrow Cartoons	11
LIFE's Reports: Life Among the Ruins, by Wilmott Ragdale	24
LIFE Visits the Trapp Family in Vermont	125
Pictures to the Editors	130

ALL MATERIAL WHICH IN THE OPINION OF THE EDITORS INVOLVES MILITARY SECURITY, HAS BEEN SUBMITTED TO COMPETENT MILITARY OR NAVAL AUTHORITY FOR REVIEW AS TO SECURITY

The cover and entire contents of LIFE are fully protected by copyright in the United States and in foreign countries and must not be reproduced in any manner without written permission.



LIFE'S PICTURES

"Pillars of Peace" (pages 34-35) was photographed by Jerry Cooke, who also covered the old Indian Cave on Bear Mountain (LIFE, Sept. 27). This 22-year-old photographer was born Yuri Kuchuk, of Russian parents. He has Anglicized his name. Schooled in Germany and Italy, he traveled to Japan and spent a year in India. He came to the U. S. in 1939 and has been taking pictures for three years coached by LIFE Photographers' Karger and Eisenstaedt.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right top to bottom), and line by line (lines separated by dashes) unless otherwise specified.

COVER—A. P.	DIMITRI KESSEL—ANDREAS FEININGER, MT. WILSON OBSERVATORY
10, 11, 13—COURTESY RANDOM HOUSE & THE NEW YORKER	COURTESY SCIENTIFIC MONTHLY
14—DAVID B. SCHERMAN	54—Z. W. GORD
23—GUOGUENHEIM-PIX	56—WILLIAM C. SHEROUT (overlay courtesy BAUSCH & LOMB)—chart by ANTHONY SODARO—F. W. GORD
25—SANDRO AURICCHIO DE VAL	59—HALEMAN
26—SANDRO AURICCHIO DE VAL EXC. BAT. GEORGE RODGER	90, 91—WALTER SANDERS
27—SANDRO AURICCHIO DE VAL—GEORGE RODGER	92—HALEMAN—EXC. BAT. © 1943, KING FEATURES SYNDICATE, INC.
28—GEORGE RODGER EXC. J. H. ROBERT CAPA	95 through 103—ALFRED EISENSTADT-PIX
29—GEORGE RODGER—ROBERT CAPA	104, 106, 107—BOB LANDRAY
30, 31—ROBERT CAPA	108, 109—SOUTH AFRICAN INFORMATION SERVICE
33—INT.	110—From "GENERAL SMUTS" by SARAH G. MILLIN published by LITTLE, BROWN & CO.
34, 35—JERRY COOKE-PIX	113—W. W.
36, 37—DAVID B. SCHERMAN	14—JOHN DODGSON LTD.
38—Lt. THOMAS D. MCAYOY—U. S. A. P.	115—From "GENERAL SMUTS" by SARAH G. MILLIN published by LITTLE, BROWN & CO.
41, 42, 44—FLOYD MCALL	116—BRITISH OFFICIAL PHOTO
47 through 54—BERNARD HOFFMAN	119, 120, 121, 122—U. S. A. A. F.
57—Drawing by B. G. SEIBELTAD	124—MYRON R. DAVIS
58—A. P.	126, 127, 128, 129—ROBERT M. LEWIS
60, 61, 64—Drawings by B. G. SEIBELTAD	130—T. NINA LEEN-PIX
69, 70, 71, 72—GJON MILL	
74, 75, 76—CAROL EYERMAN	
79—FAIRCHILD AERIAL SURVEYS, INC.—MCLAUGHLIN AIR SERVICE	
80, 81—F. W. GORD	
83—COURTESY U. S. MILITARY ACADEMY,	

ABBREVIATIONS: BOT., BOTTOM; EXC., EXCEPT; LT., LEFT; RT., RIGHT; T., TOP; A. P., ASSOCIATED PRESS; INT., INTERNATIONAL; U. S. A. A. F., U. S. ARMY AIR FORCES; W. W., WIDE WORLD; ©, COPYRIGHT



HOW WILL YOU HAVE *Your* VITAMINS?

We are now engaged one hundred percent in the production of giant gliders, bombs, flares and other tools of War to hasten the day of Victory; and therefore are making no peacetime products. But we are planning for peace as indicated by this advertisement, so that a high level of productive employment may be maintained after the War. This is a serious objective of our Government to which we subscribe.

Charles J. Gibson
President

In the healthier, happier Post-War World, every member of every family will find vitamins, minerals, proteins increasingly important.

But how will you have yours? The most enjoyable way, of course, is Nature's way! Stored for your good health in the foods you like so well.

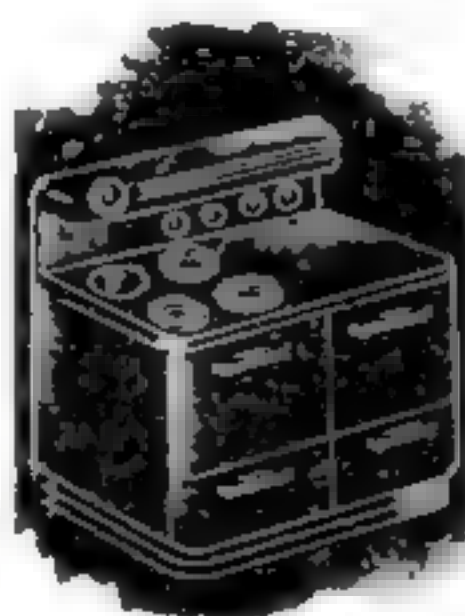
So you'll be glad to know that Gibson—specialists for 65 years in food-preserving and food-preparing equipment for the home—is perfecting amazing devices which protect, rather than destroy, the essential elements which Nature puts in foods.

Guardians of health and vitality, co-makers of convenience, the NEW Gibson Freezer Shelf Refrigerators and Kookall automatic electric ranges will fulfill your fondest dreams of beauty, utility, economy and value! That's our promise to you now—all we can tell you until the war is won. But Tomorrow... for your Victory Home of Tomorrow... then, we'll SHOW you something!

GIBSON REFRIGERATOR COMPANY, Greenville, Michigan
Export Department, 201 N. Wells St., Chicago, Ill.

Today's Wish—Tomorrow's Reward!

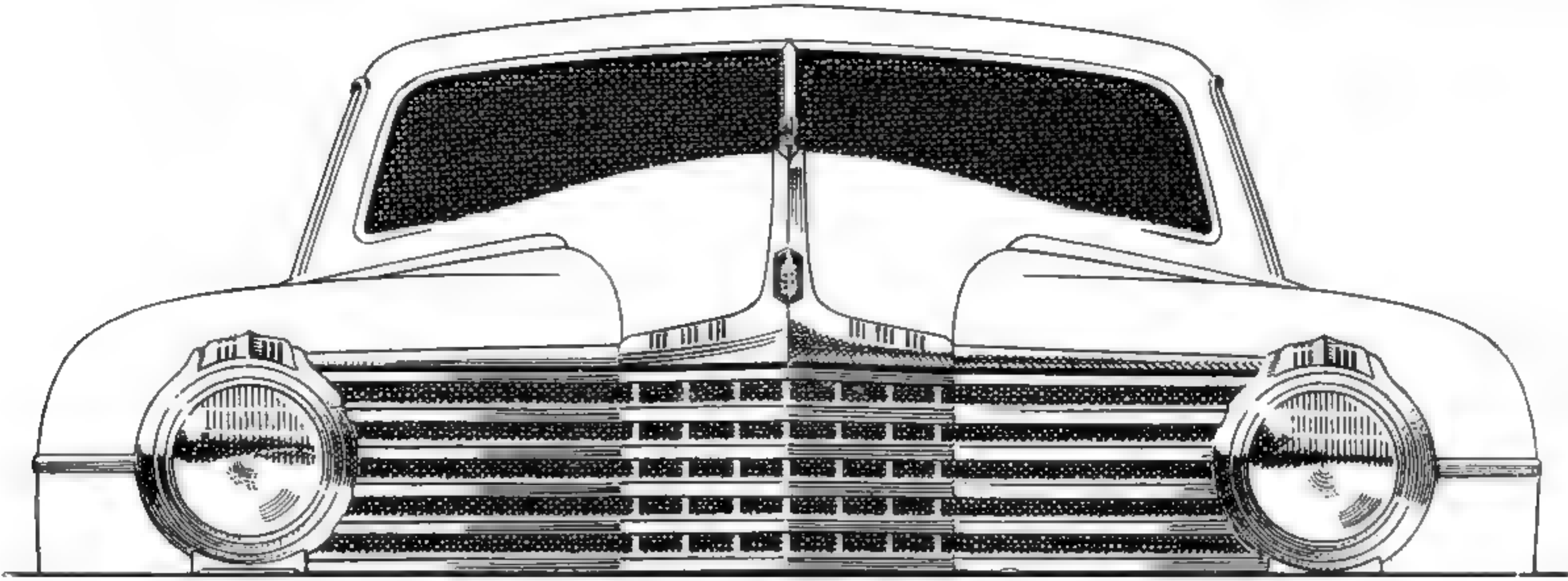
REFRIGERATORS-RANGES
Gibson



WATCH FOR
TOMORROW'S NEW
GIBSONS

BUY WAR BONDS
and STAMPS TODAY

DODGE, TODAY, MEANS TOTAL WAR PRODUCTION FOR ALL THE BRANCHES OF THE ARMED SERVICE



Dodge Again Invites Your Attention

DODGE urgently invites the attention of all motorists to this clearly established fact,—sensible and regular attention to the fundamentals of lubrication and service is all that such fine cars ask in return for their great dependability and the splendid war-time job they do.

Dodge Dealers, fortunately, have the factory engineered parts as well as the factory trained men and experience to keep Dodge cars and trucks of war-time, performing up to par.

Dodge

DIVISION OF CHRYSLER CORPORATION

Back the Attack—Buy War Bonds



THREE OF THE YOUNG SNIPERS OF NAPLES WHO VALIANTLY FOUGHT THE GERMANS FOR FOUR DAYS BEFORE THE FIFTH ARMY REACHED THE CITY. YOUNGEST IS 9 YEARS OLD

THE BATTLEFIELD OF NAPLES

Naples was a city between conquerors, without law, from Sept. 28, when the Germans began their evacuation, until Oct. 1, when Allied armies entered. The pictures of those four terrible days and their aftermath shown here may suggest to Americans what it feels like to live on a battlefield. For Americans the war is far away, a murmurous tale of returned travelers. For the Neapolitans it was screaming horror in the backyard, in the bedroom, machine-gun bullets ripping the wallpaper in the parlor.

As the German grip on Naples weakened, anti-Fascist Italians came into the open, fought with any arms they could find. The snipers shown above and on the next two pages were cruelly photographed

during the street fighting by one of their comrades, Sandro Aurisicchio De Val. In the Vomero section of west Naples, they were led by Professor Antonino Tarsia. Armed with rifles from Fort St. Elmo, they surrounded the Germans in Fascist Youth headquarters. Twenty boys from one school were killed in the skirmishing (see p. 30). The military value of this fighting was not great, the cost in Italian lives was very great, but it was not a time to weigh profit and loss. Behind Naples' uprising was the Leftist organization called the Party for Italian Liberation and most of the fighters were very young.

On Oct. 1 LIFE Photographers George Rodger and Robert Capa reached Naples and their pictures

take up the story from there on the following pages.

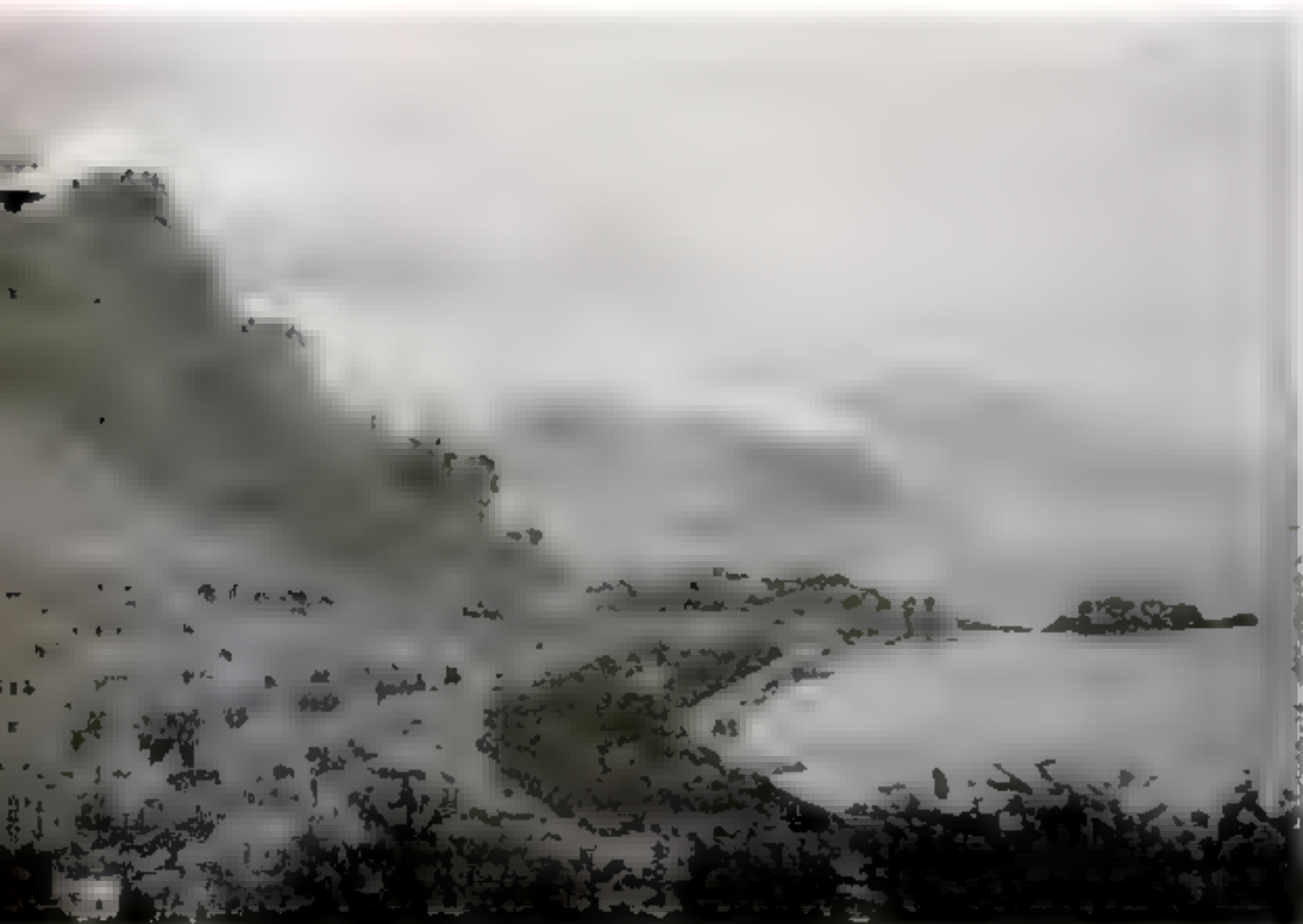
Naples is a very black mark against the German Army. The list of official atrocities, as collected for President Roosevelt by Secretary of the Treasury Morgenthau, is said to run to 13. It includes the deliberate destruction of the civilian water supply, the civilian sewage disposal system, the civilian electrical system, the civilian transportation system, the telephone exchange, hotels, flour mills, coal reserves, the university and its Royal Society library, as well as the planting of time bombs against civilians, the release of dangerous criminals from 13 prisons, looting of hospitals and kidnapping of distinguished hostages. None of this is the job of a self-respecting army.



Out of the slums of Naples appeared this young man on the morning of Sept. 28, when the Germans were going from house to house seizing all men for forced labor. He found a rifle in the ruins of the arsenal and personally declared war on the remaining Germans.



A boy of 15 joins the guerrilla volunteers of Professor Antonio Tarsia, who fought in the hilly streets of the Vomero in west Naples. They got their weapons from St. Elmo fort. Germans held Villa Floridiana. "Just like Barcelona in the early days," observed a Spanish Civil War veteran.



Germans set fires in central Naples Sept. 27, between the Royal Palace, university and Central Station. Smoke covers Naples in half hour. Right background is Vesuvius. Just off left is Vomero section where fighting started. Hillside is 12th Century Castel dell'Ovo.



Party of Italian Liberation, which organized counterterror, met underground. Here, around table clockwise from rear are Olga de Feo, Doro, Italo de Feo, Ortolani, director of Naples Art Museum, Gennuso, Florio, Rica, Giordano, the last two artists. Others are engineers, writers, professors.



A boy of 9 plays the game of war, this time with real bullets. This child told the photographer he did not want to take sides by Germans or Fascists alive and apparently meant it. His companions admired the ruthless "seriousness" of his comportment. The photograph is obviously light-struck.



A German surrenders to a sniper who is wearing an Italian Army helmet, in the parkland around the hill of Vomero. He carries a bayonet but the gas mask case usually above it is missing. Cartridge cases are empty, which is probably why he surrendered. Shoes are shined.

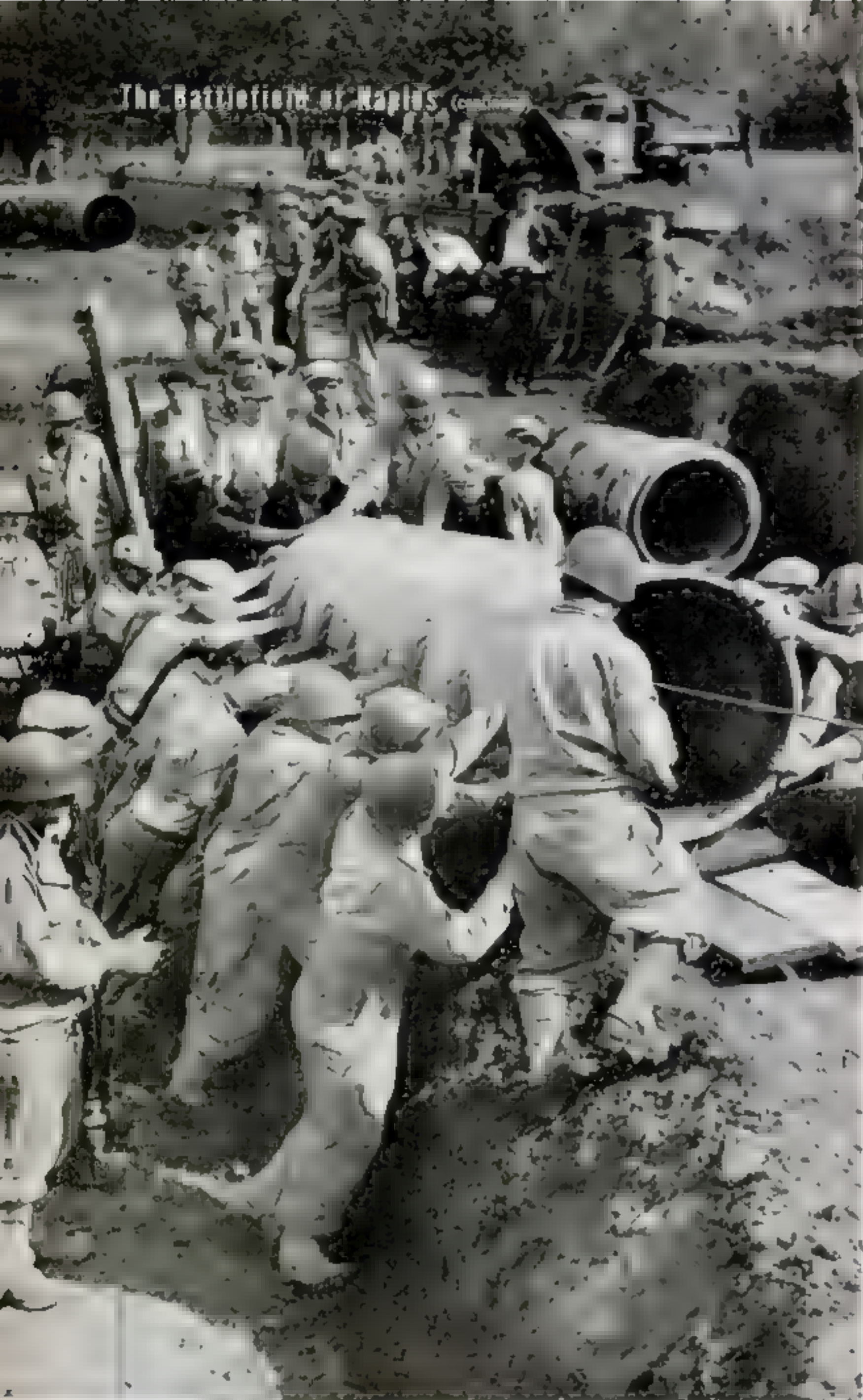


Anti-Fascists meet. Represented here are Liberal, Republican, Workers' Democratic, Socialist, Communist and Actionist parties, also representatives of the Italian veterans of World War I. All are united against the Nazis. From among these men will probably come the leaders of the new Italy.



Full coffins still lie unburied in the hillside cemetery of Poggioreale, a center of the fighting. They have lain forgotten for several days. Uncoffined dead, killed by the Germans, were found in odd corners of Naples for a week afterward. Some coffins hold German dead.

The Battleground of Naples (cont.)



Water aqueduct, dynamited by the departing Germans in seven places, is restored by the American Army's engineers first thing, for the half-million people remaining in Naples are waterless.



U.S. tank trucks distribute water to long queues of Italians until aqueduct is repaired. Naples' water had come from reservoir 30 miles away. People bring pails, pots, dishes, water bottles.



University classroom shows insane destruction by Germans, who claimed this was a reprisal for destruction of Germany by bombing. They sprinkled gasoline over books, smashed statues.



University president, Adolfo Omodeo, wearing ermine robes at faculty meeting, reads formal protest against the Germans' destruction. U. S. under the crown means University of Studies.



Burning coal on Naples' coal pier is fought by Italian fire brigade under supervision of U. S. officers. This was Naples' winter reserve. Germans assumed U. S. would confiscate it, as they

had themselves, but the U. S. Army brings along its own supplies of nearly everything. Now U. S. will have to supply Naples with coal. Germans' theory is to leave maximum possible mess.



First vegetables are rushed to starving Naples with U. S. Army aid. Here are apples, peppers, cucumbers and eggplants. The carts were sold out in a few minutes, made several trips a day.



Cafes open, the proof that normal life has begun again in Naples. An old troubadour sings to his own guitar and a little black spaghetti, fish and red wine are ready for the first customers.



Twenty boys from one school, all killed in the bloody four days' guerrilla fighting against the Germans, are carried down the school steps following the valedictory service in crude coffins which were often too small for them. Their ages were from 14 to 20. Wreaths were sent by the

University and the Party for Italian Liberation. Their friends stood bareheaded in the rain and officers saluted as the sad, plain coffins came out one by one. The boys had died messily and alone, but their names will be remembered for a long time by the school, by Naples and by Italy



THE MOTHERS OF NAPLES
LAMENT THEIR DEAD SONS

WORLD WAR I

TWENTY-FIVE YEARS AGO NOV. 11 WE WON A GREAT VICTORY—BUT WE DIDN'T KNOW IT

In 1917 we went to war with fervor and enthusiasm. The U. S. was like a young giant awakening for the first time to its own power. There had been a bitter debate as to whether we should back Germany or the Allies. But by 1916 the debate was finished: western Europe, we discovered, must be saved. The nation gathered its courage to face the necessity; the strident voice of Theodore Roosevelt urged us on; and at last, in the spring of 1917, the U-boat warfare struck the spark. It may be of some historical importance to note that the decisive event, like the decisive event at Pearl Harbor, occurred in the middle of an ocean.

Once the decision was made we embraced it in the spirit of a crusade. Young men rushed to the colors and college campuses sprouted uniforms. The land burgeoned with flags, parades, war songs; people with proud tears in their eyes watched the boys march off against the Huns. Yes, democracy was in danger, and our task was to make the world safe for it. "We are fighting," said Woodrow Wilson, "for what we believe and wish to be the rights of mankind and for the future peace and security of the world."

The Deadlock

The war we are now fighting is bigger than World War I, and more spectacular. Its casualties will be higher. Yet there are certain respects in which World War I was the most terrible war that men have ever fought, or ever will fight.

First, it was a war of new weapons—airplane, poison gas, tank, flame thrower, hand grenade. In addition, weapons already known acquired new and devastating powers of destruction. No one had more than guessed what submarines could do until England nearly starved. The machine gun, invented as far back as 1862, suddenly emerged as the strongest defensive weapon in the history of military technology. And the French 75 engendered new artillery concepts, such as the box barrage and the deadly rolling barrage.

And whether because of these new developments, or whether some of them (like the airplane) had not developed far enough, or whether there was no great military genius on either side—or for whatever reason—the worst thing happened that could possibly have happened. The enormous armies became locked on a continuous line of temporary and permanent fortifications, which could not be flanked, and which substituted for a war of movement, such as men had hitherto known, a war of slow and desperate destruction. The average concentration of troops on this line was appalling. It was 400 miles long, more or less. On Sept. 25, 1917 the Allies held it with 114 divisions, with about 100 in reserve, and the Germans held

it with 112 divisions, with about 85 in reserve. Thus there was one division in line, on the average, for every four miles of front. Yet the concentration was really much higher. From Reims to Armentières, a distance of about 120 miles, the Germans had, on that date, 62 divisions in action, or one for every two miles of front, and from La Fère to Douai, a distance of little more than 50 miles, they had 33 in action.

The Terrible War

The resulting slaughter was something that man had never hitherto conceived, and younger generations will never understand it—not even with the help of Erich Remarque. On the first day of the First Battle of the Somme the British lost 60,000 men.

In the Champagne attack of Sept.-Oct. 1915, the French massed 17 divisions on a front of 15 miles, lost 120,000 men, gained an average of less than two miles. Victories were measured, not in terms of ground gained, but in terms of death and intangibles. At Verdun the Germans expended 278,000 men to gain about 3 miles; the French sacrificed 460,000 to hold them—and this was counted a great French victory. After all the bloody losses had been added up the shocking and tragic total turned out to be 37,500,000 casualties, of whom 8,500,000 were dead.

Deprived of the ability to maneuver, commanders sacrificed waves of men to seize a trench, the corner of a field, a hillock, a farm. Yet even more important than the assault was the ability to hold the line, in rain and mud, in snow and hot summer heat, under a fire the intensity of which no one has ever found words to describe. In the present war the concentration of shellfire has at times exceeded that of World War I. But the difference is that the World War I soldiers had to sit under it day after day, week after week. The great cry of the commanders at Verdun was for replacements who did not know what Verdun was like; and later in the war the need for unbroken men was so great that many Americans were rushed into action with only three or four months of training. No man who went into a major battle of that war ever really came out of it . . .

" . . . I speak

*For the plain men, the men who
Saw the living who should be dead
The dead who were dead . . .
Upon that greenish bottom of the clouds
Among the jumbled mineholes and canals
And huge abandoned tanks whose noses
pointed
Like turtles from the marshes north of Ypres,
There was no victory.
There was no exaltation of the dead.
There were no dead—no living—
Fit to be remembered . . .*

And when

*We hear the bitter Sambre-et-Meuse echo
Along the pavingstones of Aiz-la-Chapelle,
Regiment after regiment to the Rhine
With lifted trumpets . . .
I say that victory will not be enough
To raise us from those marshes ever again,
And in no glass will there be wine enough,
And in no wine, enough companionship . . ."*

That was the mood in which they came out of the trenches. That was the mood that men brought back to their homes all over the Western world. And there followed one of the most terrible eras in history, of psychological and moral destruction, in which men and women seemed dedicated to the murder of all that they had once held to be noble, or beautiful, or clean. In that era the fervor with which we had undertaken World War I was cynically dismissed as the mere result of propaganda; our reasons for fighting were laughed to scorn; our aspirations were attributed to the greed of the munitions manufacturers; and anyone who dared to suggest that perhaps we had fought for something—that perhaps, even, we had won something—was treated like an enemy of society.

At Long Last

The great struggle ended on Nov. 11, 1918, twenty-five years ago this week. Those boys have been under the ground for a quarter of a century. It is time for us to do something about them. It is time for us to have the courage to face these simple truths, which we have struggled so shamefully to hide:

That the cause for which we went forth to fight in April 1917, was a just cause and a necessary cause;

That had we failed to save our civilization then it would have been wrecked—not, it is true, by a well-defined ideology such as that which Hitler has created, but by a military people who do not understand freedom, and whose leaders, whether called Kaiser or Führer, worship the concept of power;

That, in checking the thrust of the power-worshippers, who might have overwhelmed all of Europe in 1917, we won a tremendous victory;

That, instead of following up this victory, we indulged ourselves like spoiled children in theatrical emotions on which no lasting peace could be built;

That we are now engaged, not in a second war, but in the second battle of the same war—the war to make men free and to keep them free;

And that we hereby do homage to the boys who gave their lives in that first battle; and that we swear, by the flag they honored, to raise at long last a monument of enduring hope, for all mankind, above their dusty and neglected graves.

PICTURE OF THE WEEK

On Oct. 27, the salvaged U.S.S. *Lafayette*, once the *Normandie*, was turned over to the Commandant of the New York Navy Yard to be refitted for

active service. For 20 months, since Feb. 9, 1942, when she burned at her berth, the *Lafayette* had sprawled in the Hudson. The toughest salvaging

job in history had cost \$4,500,000 to date: refitting will take another \$15,500,000. To have reproduced the *Lafayette* would have cost \$50,000,000.



Salvaged "Normandie" (now the U. S. S. "Lafayette") stands again on even keel, ready for refitting



AMERICANS OF GOOD WILL FILL CATHEDRAL OF ST. JOHN THE DIVINE



John Foster Dulles, lawyer and leading lay Presbyterian, delivers keynote address declaring Americans must develop a creative faith, that America must help mankind to rebuild a new world order



U.S. Senator Joseph H. Ball of Minnesota, in Cathedral's pulpit, preads for "concept of an international order based upon a few civilized rules of conduct among nations"

PILLARS OF PEACE

Protestants open national campaign to win just and enduring world order

In New York's great Cathedral of St. John the Divine, 15,000 Protestant laymen, church dignitaries and civic leaders convened Oct. 28 to initiate a nationwide campaign dedicated to the attainment of a new world order based on Christian principles. Between Nov. 1 and 20, speakers will visit 102 cities in 36 states, outlining six "Pillars of Peace," among them: an enduring international political organization, close economic and financial collaboration among nations, and the

right of individuals to religious and intellectual liberty.

At the Cathedral last week, these principles were set forth in addresses by Senator Joseph Ball of Minnesota and Sumner Welles, whose speech was read in his absence. During the service, flags of the United Nations were carried in a procession to their bar, while the massed choirs of ten churches sang. Campaign is under the auspices of the Christian Mission on World Order, organized to represent 25,000,000 U. S. Protestants.

CONGREGATION UNITES IN PRAYER. AT END OF SERVICE ARCHBISHOP ATHENAGORAS OF GREEK ORTHODOX CHURCH DELIVERED BENEDICTION. BLESSED FLAGS OF UNITED NATIONS





NEGRO TROOPS' CHORUS

They give memorable concert in London's Albert Hall

To the slow roll of drums and the swelling applause of a huge audience, a chorus of 200 American Negro soldiers from the Air Forces Engineers marched single file onto the stage of London's famous Albert Hall on the night of Sept. 28. Roland Hayes, the great Negro tenor who flew to England just for this occasion, joined them. Then, accompanied by the London Symphony Orchestra, the soldiers started to sing a memorable program of folk songs and spirituals. When they were finished the audience surged off its chairs in applause and even the orchestra members stomped and clapped their approval. Next day the London *Times* called the con-



cert at Albert Hall "without parallel in the long and varied sequence of events that have taken place within its encircling walls."

Until three months ago the boys had not sung together. For almost a year they have been hard at work building airfields. While they worked they sang songs strange to the English countryside—*Come on you earth, lift yourself up* or *Saturday night, Saturday night, Saturday night's a'comin' soon*. Evenings they sang together in their tin Nissen huts and Pfc. James McDaniel from Kansas City, Mo., who had sung church duets with his mother, assembled a quartet. The quartet sang nightly

around his bed. Other boys joined them. Encouraged by their chaplain and G.H.Q., they decided to give concerts in London. Composer Cpl. Marc Blitzstein of the Air Forces, who wrote *The Cradle Will Rock*, coached them for their first public appearance.

The chorus gave two concerts in London, is now touring England's large cities. Private McDaniel, who started with the quartet, conducts the chorus. He explains the soldiers' fondness for spirituals: "Christianity means a lot to us dark boys. A man that can sing a good spiritual can always find his way into another boy's heart."



Sun deck runs along the rear of house which is only two stories tall in back. The deck is reached from third floor is fenced in by white trellis.

HOPKINS' NEW HOUSE

Roosevelts' "nicest guests" to move out

Last week in Washington Mr. and Mrs. Harry Hopkins of 1600 Pennsylvania Ave. N. W. were getting ready to move to 3340 N St. N. W. Ever since May 1940, Mr. Hopkins, who is President Roosevelt's close adviser, has been living at the White House. When he married Louise Macy a little more than a year ago, the Roosevelts insisted that they both stay on at the White House, putting them up in a second-floor suite and giving 11-year-old Diana Hopkins a room of her own on the third floor. But for many months now, the Hopkinses have been house hunting. When they found a house in Georgetown, the Roosevelts no longer coaxed them to stay. "They are the nicest guests anyone could possibly have," Mrs. Roosevelt explained. "But the sacrifice of foregoing a home of their own is something not any longer to be expected of them."


The new Hopkins home has eight rooms with three baths. On the ground floor is living room, dining room, pantry, modernized kitchen. Second floor has two bedrooms, a dressing room and two baths. Third floor has two bedrooms, one bath. The house has wide-boarded floors. Realtors figure that, counting the extensive alterations being done to No. 3340, the rent may be \$300 or more a month. Mr. Hopkins gets \$10,000 a year as Special Assistant to the President, plus income from magazine articles. Mrs. Hopkins has some money of her own.



A brand new electric refrigerator, which Mr. Hopkins was lucky to lay his hand on, stood in the living room until kitchen was all done over.



3340 N St. N. W. is in Georgetown, one of the more desirable and expensive residential sections of capital. The house is a 15-minute taxi ride from White House. New coat of battleship-gray paint has been applied to house.

A large, white ceramic bowl filled with a vibrant red tomato soup, sitting on a matching saucer with a floral pattern. The bowl is set on a white tablecloth. In the background, a wooden spoon and a glass are partially visible.

Dip in... ENJOY THIS RICH TOMATO GOODNESS

With your first spoonful you'll learn why it's America's favorite soup



"Tomatoes for health"
We all should eat
And in this soup
They're sure a treat

You eat it because, first of all, it tastes so good. So brimful of the delicious, full flavor that comes from the world's finest tomatoes, smoothly blended with gentle seasoning and golden table butter into a deliciously rich purée. And remember —along with that grand flavor you enjoy so much, in Campbell's Tomato Soup you're getting the good health benefits of tomatoes that have been specially

grown from special seed and ripened to perfection in summer sunshine.

Now, with people working harder, and good nourishment even more important, you'll want to build more meals than ever around bright, tempting bowls of Campbell's Tomato Soup. It tastes so good and is so good for you—that's why so many women put it at the top of their market lists.

Campbell's TOMATO SOUP

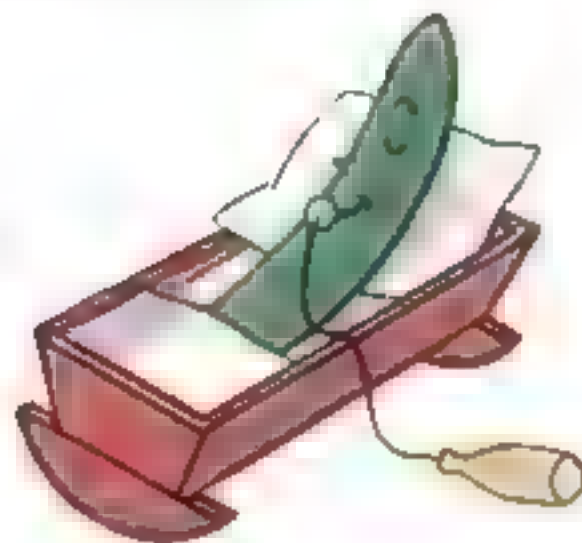


LOOK FOR THE RED AND WHITE LABEL



Green Beans...

young n' tender



here's how to make 'em linger longer

MA'AM! Here are Green Beans, French style or 1-inch cut, to make your mouth water... your eyes shine! And here are recipes—bright new ones—to "stretch" these flavorful, farm-fresh beans.

These Green Beans (by Birds Eye) have a taste that's all their own—tender, tasty, super-delicious!

They're nurtured with care to the very *peak* of young green tenderness—then *Quick-Frozen* instantly! They come to you dewy-fresh, brimming with country flavor

And they're *stringless*, washed and ready to cook! No work at all. Enjoy them—today—in these tempting new recipes!



Savory Rice and Birds Eye Green Beans

1 box Birds Eye Green Beans, Cut or French Style
1/2 cup finely diced onion
2/3 cup finely sliced celery
2 tablespoons fat
1 1/2 cups canned tomatoes
1/4 teaspoon celery salt
1 1/4 cups cooked rice
1/2 teaspoon sugar
Salt and pepper

Cook beans as directed on package. Drain. Sauté onion and celery in fat, covered, until tender but not browned. Add rice and tomatoes. Stir. Cook about 5 minutes. Makes 4 to 6 servings. *1/2 cup packed ice 3/4 is 1 cup cooked rice.



Birds Eye Green Bean Rarebit with Potatoes

1 box Birds Eye Green Beans, Cut or French Style
2 cups seasoned white sauce
1 teaspoon scraped onion
1/4 teaspoon paprika
1 tablespoon Worcestershire sauce
1 tablespoon diced pimiento
1/2 to 3/4 cup grated American cheese
5 or 6 hot baked potatoes

Cook beans as directed on package. Make white sauce when thickened, add onion, paprika, Worcestershire sauce, pimiento, cheese and beans. Stir until cheese is melted. Break open hot potatoes, season with salt and pepper and arrange on platter. Cover with rarebit mixture. Serves 5 to 6. **NOTE** If desired, 1/4 cup diced cooked meat may be added.



DO THIS—take the same number of ration coupons. Compare the *actual amount* of "eating" food you get with Birds Eye, with that which you get in canned goods. 1 box of Birds Eye serves 4—just as the average can does.

At your Birds Eye grocer's, you'll find a wide variety of fruits and vegetables—ALL delicious. Try them. But please remember—huge quantities of Birds Eye Foods have gone to the armed forces. So if, for instance, you want Broccoli—

and your grocer happens to be out of it—try Peas, or Lima Beans. You'll always find a *wide variety*

Your Government says: "For good health, eat some food from each of these 7 basic groups—daily!" 1. Green & Yellow Vegetables. 2. Oranges, Tomatoes, Grapefruit. 3. Potatoes & other Vegetables & Fruits. 4. Milk & Milk Products. 5. Meat, Poultry, Fish or Eggs. 6. Bread, Flour & Cereals. 7. Butter & Fortified Margarine.





COLORADO GOVERNOR JOHN C. VIVIAN ACCEPTS SOME OF THE 2,000 SILVER DOLLARS CARRIED BY PRUNES III. PRUNES IS A MEMBER OF A FAMOUS FAMILY OF COLORADO BURROS

WAR FUND DRIVE

Colorado counties donate commodities

In the campaign to raise \$125,000,000 for the National War Fund—Red Cross, U. S. O., Community Chest, etc.—few states have shown more enthusiasm than has Colorado. In an effort to top its quota the people of Routt County, tucked away in the mountains of north-west Colorado, contributed a large share of a train-load of merchandise to be sold in Denver, the money to be donated to the War Fund. As shown on the fol-

lowing pages, cattlemen gave pure-bred cattle, sheep raisers offered several cars of sheep, coal miners gave their time and the owners enough coal to fill many cars. And from every corner of the county, farmers drove to meet the train with bags of grain, potatoes, chickens, pigs. In another stunt to help swell state's total, a famed burro named Prunes III appeared in Denver carrying \$1,000 in silver dollars from Park County (above).



Bound to Pay Off!

War bonds—world's best investment—bound to pay off in victory. Aywon and Ensenada Shirts, made by Reliance—also sure to pay off in style, comfort and wear economy. At left, the Aywon—of choice shirtings in a wide range of patterns and white broadcloth. At right, the nationally popular Ensenada all-purpose shirt. Rich, soft fabrics in classy styling make them ideal for casual wear. You'll want the genuine, so ask for them by name at better stores everywhere.

FREE Big 32-page and cover illustrated 9 x 12 inch book, "1000 Ways To Have Fun." Packed with information on parties, games, for label stunts, etc. Exactly what every family wants for home entertainment. Free for sending label from any Reliance-made garment listed below. Send label and name and address to 212 West Monroe St., Dept. L-2, Chicago 6, Illinois.

RELIANCE MANUFACTURING COMPANY

212 W. Monroe St. • Chicago, Ill.

New York Offices: 200 Fifth Ave. • 1350 Broadway

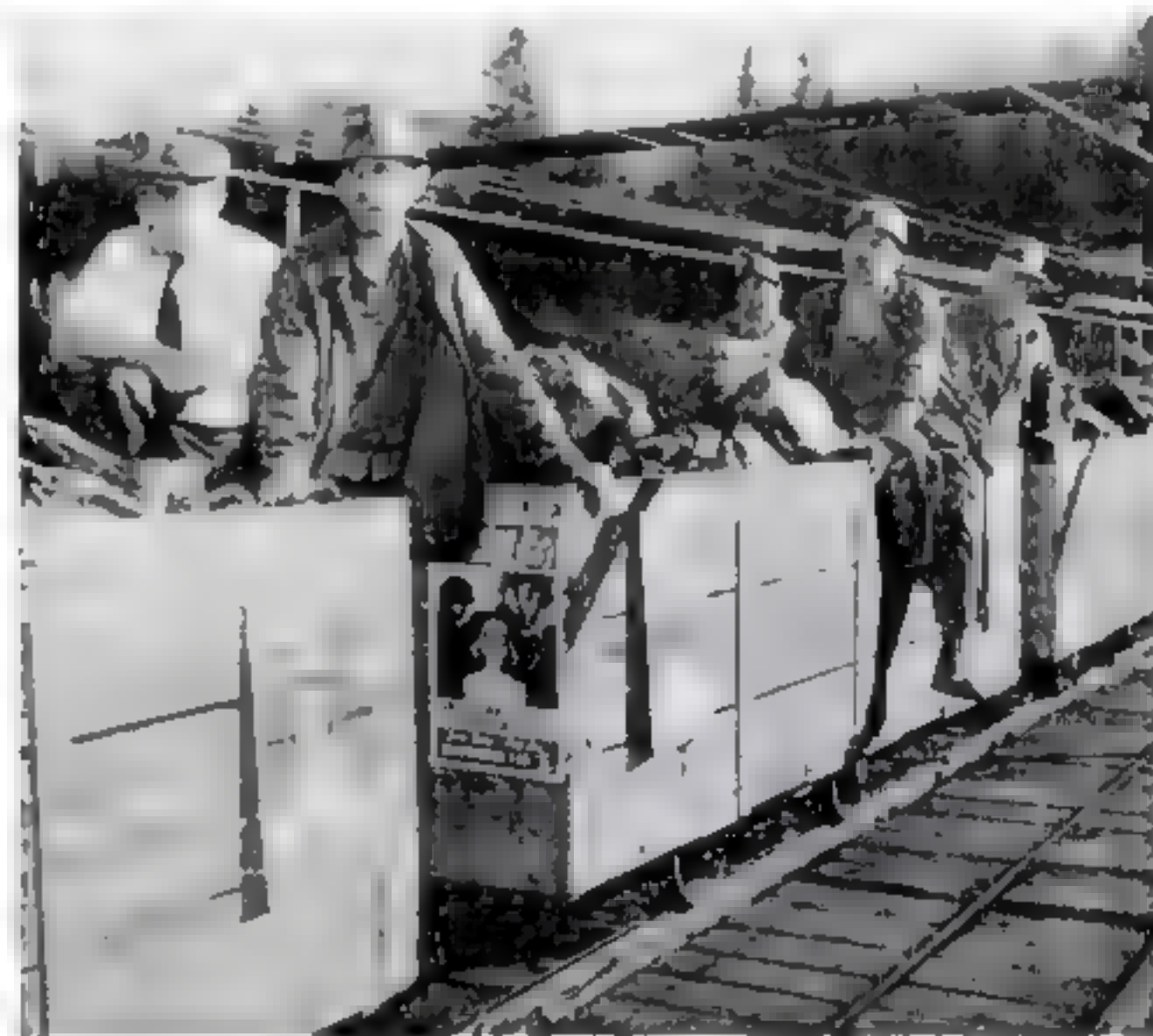
MAKERS OF Big Yank Work Clothing
Aywon Shirts • Yankshire Coats • Universal Pajamas
No-Tare Shorts • Key Whitney and Happy Home
Frocks • Yank Jr. Boys' Wear • Big Yank Flannel
Shirts • Parachutes for Men and Mothers!



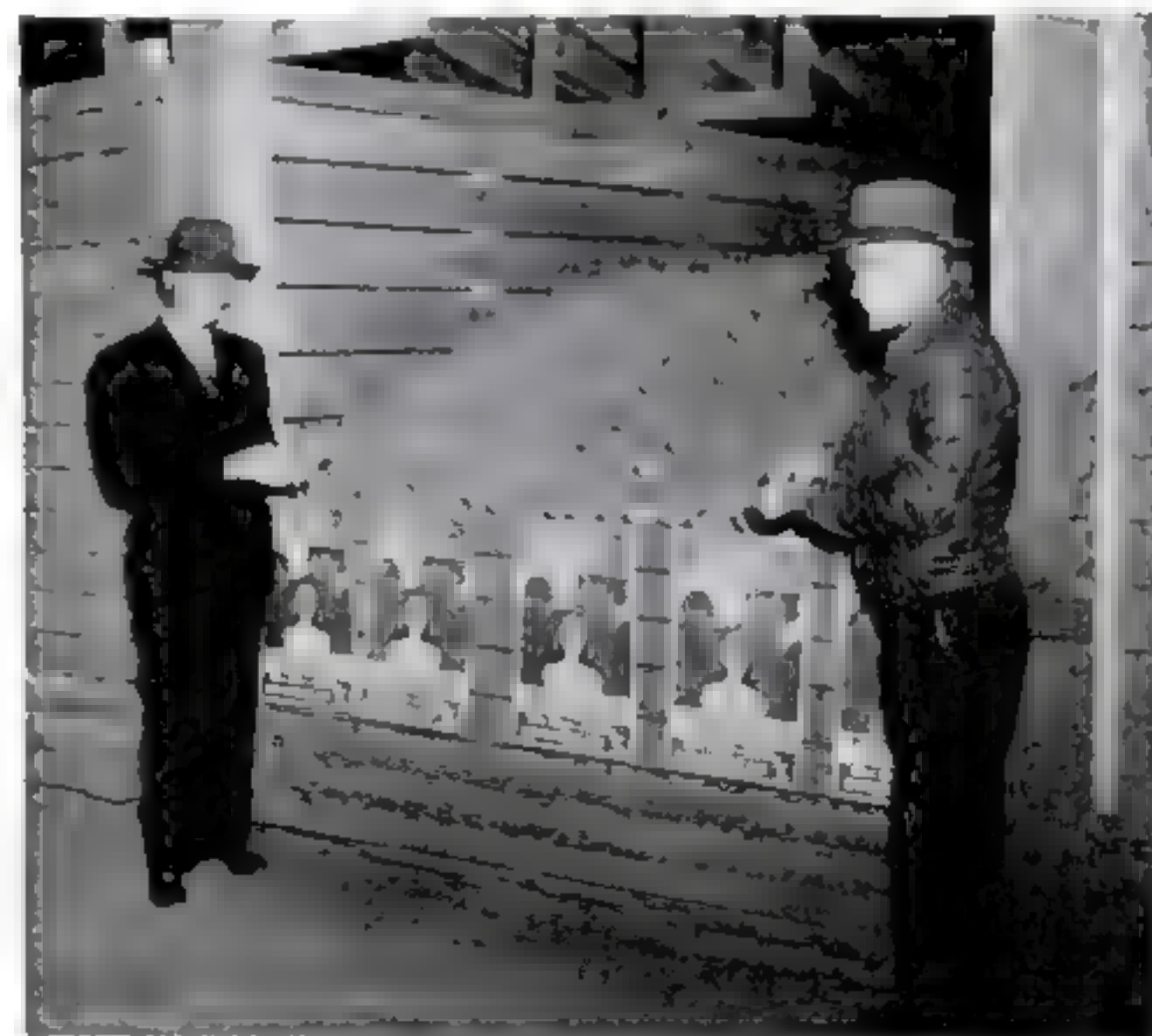
War Fund Drive (continued)



Pet lamb named Chesty is given by two little girls in Hayden, Colo. Farms around this small town collected one carload of sheep and two of calves for sale in Denver.



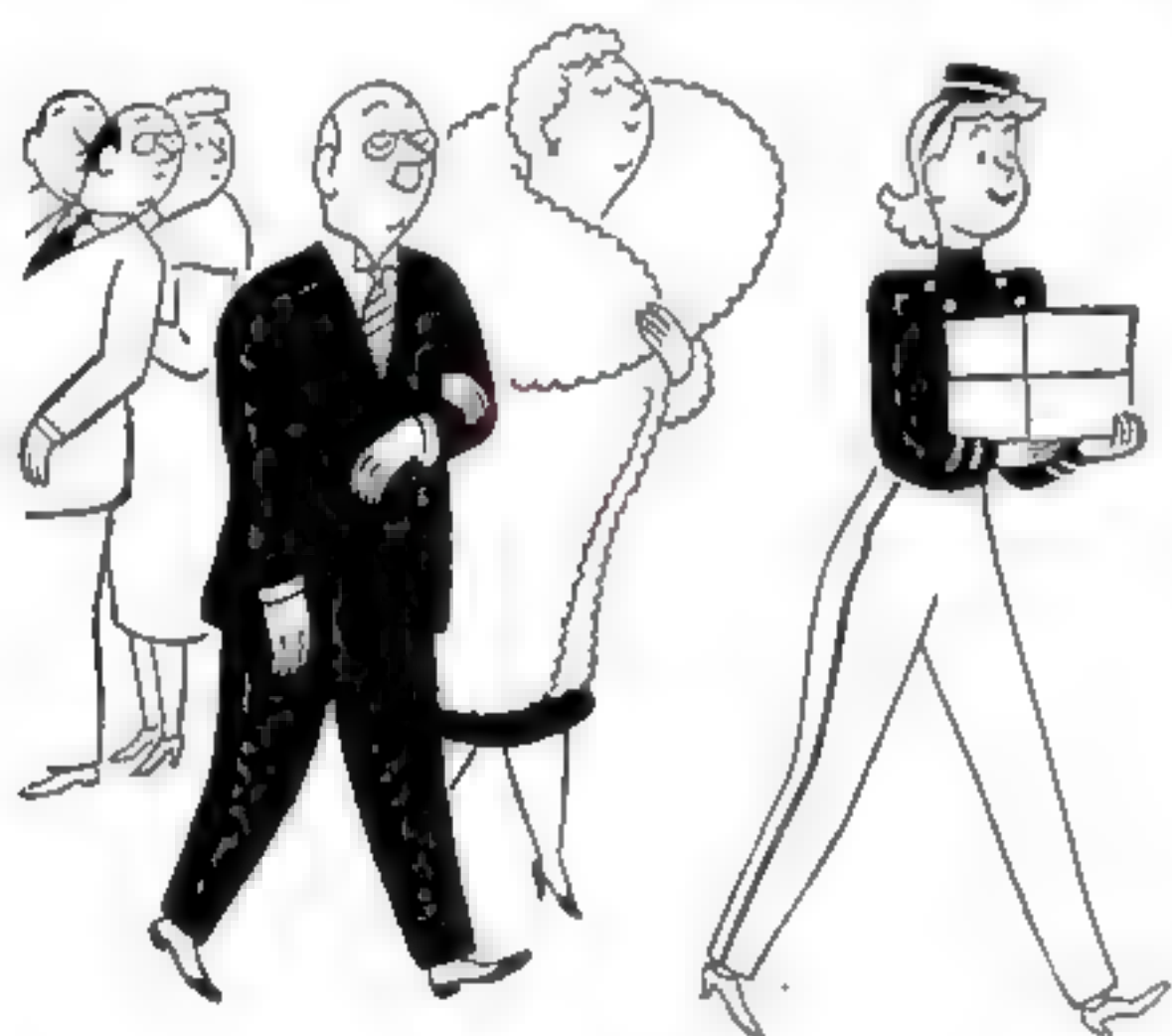
Coal cars move out of mine at Mt. Harris. This coal was given jointly by management and employees of Colorado and Utah Coal Company. A full car is worth \$170.



Fine Colorado potatoes, worth \$2.50 per hundred-weight, are binned at Routt County's Steamboat Springs. This lot of top-quality potatoes is worth more than \$1,500.

CONTINUED ON PAGE 44

It hasn't come to this yet, but...



No, it hasn't quite come to this at the Statler Hotels

Sure, we have our food problems. Feeding thousands of hungry guests every day is quite a problem. For one thing, many of our trained staff have entered the Armed Services. Naturally, this slows down service a little. (We're training new people as quickly as possible!)

For another thing, the eight Statler Hotels, just like your own household, operate under point rationing.

But we've got a great advantage!

Our chefs have years and years of experience, and the skill and ingenuity to tackle practically any food problem... and pin its shoulders to the mat!

Our famous Research Kitchens are thoroughly equipped to turn out new, delightful dishes, with whatever foods are available. (Our expert staff has been experimenting for years.)



Put these two together, and you have the recipe for wonderful, delicious meals—despite wartime handicaps!

Tempting food is not all you can expect at the Statlers. Come what may, you can also be certain of getting those other wartime necessities... comfortable rooms (with Statlers' famous beds!)... restful relaxation, so important today!

YOUR DOLLARS ARE URGENTLY NEEDED FOR U. S. WAR BONDS



HOTELS STATLER IN
BOSTON \$3.85 BUFFALO \$3.30 CLEVELAND \$3.00
DETROIT \$3.00 ST. LOUIS \$2.75 WASHINGTON \$4.50

STATLER OPERATED
HOTEL PENNSYLVANIA \$3.85 HOTEL WILLIAM PENN \$3.85
NEW YORK PITTSBURGH

Rates Begin At Prices Shown



AVOID '5 o'clock Shadow'



1. *It's as Simple as That!* Just stay face-neat and you'll never be lonely. Girls go for the man who avoids messy "5 o'clock Shadow"—who keeps chin-clean and cheek-smooth *all* the time.

2. *Here's One for the Book . . .* To get that well-groomed look, shave with a genuine Gem Singledge Blade. Gem's the durable blade with the super-keen edge. It gives you closer shaves that last longer, look better, feel better.

YOUR DEALER HAS
AN AMPLE SUPPLY
OF GEM BLADES!



GEM



Your Gem Razor must last you for the duration; dry it carefully after each shave.



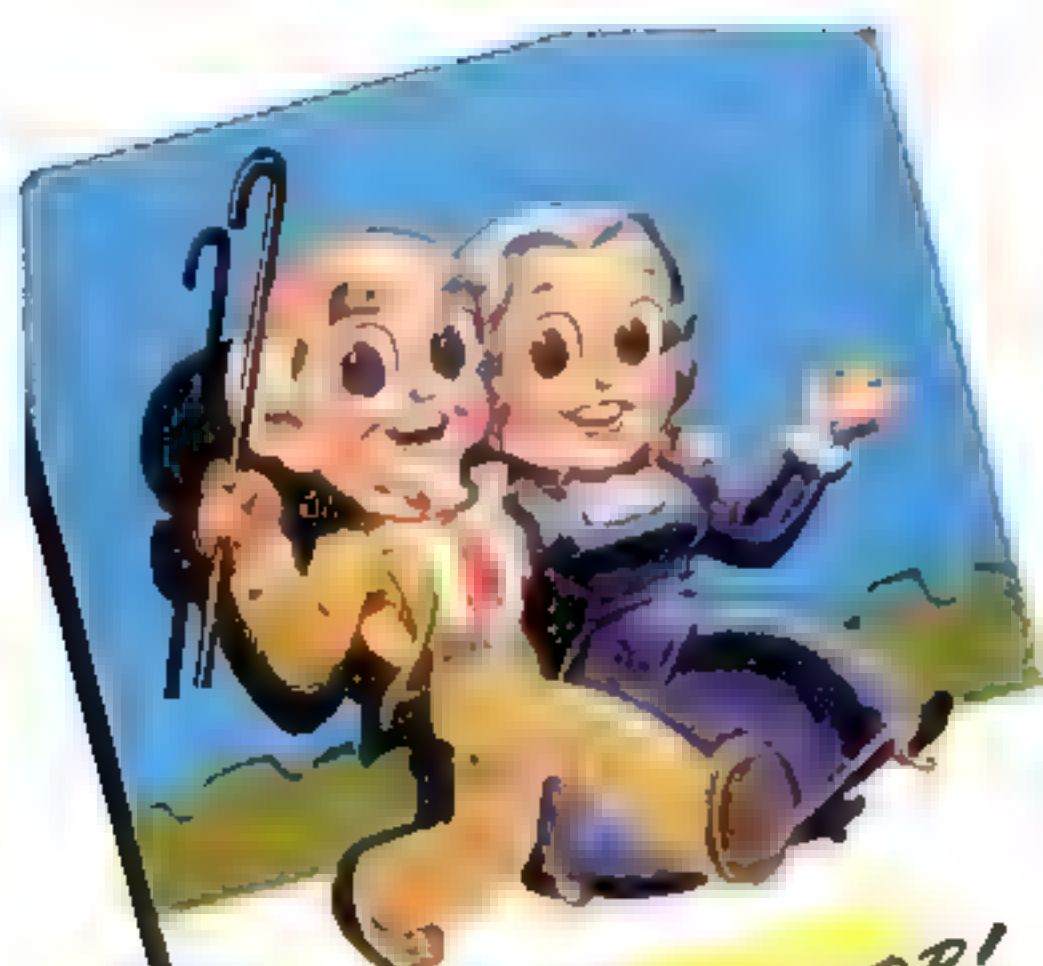
Hereford yearling, purebred and worth \$185, is prepared for shipment at the ranch of Farrington Carpenter, near Hayden. He donated a carload worth about \$9,500.



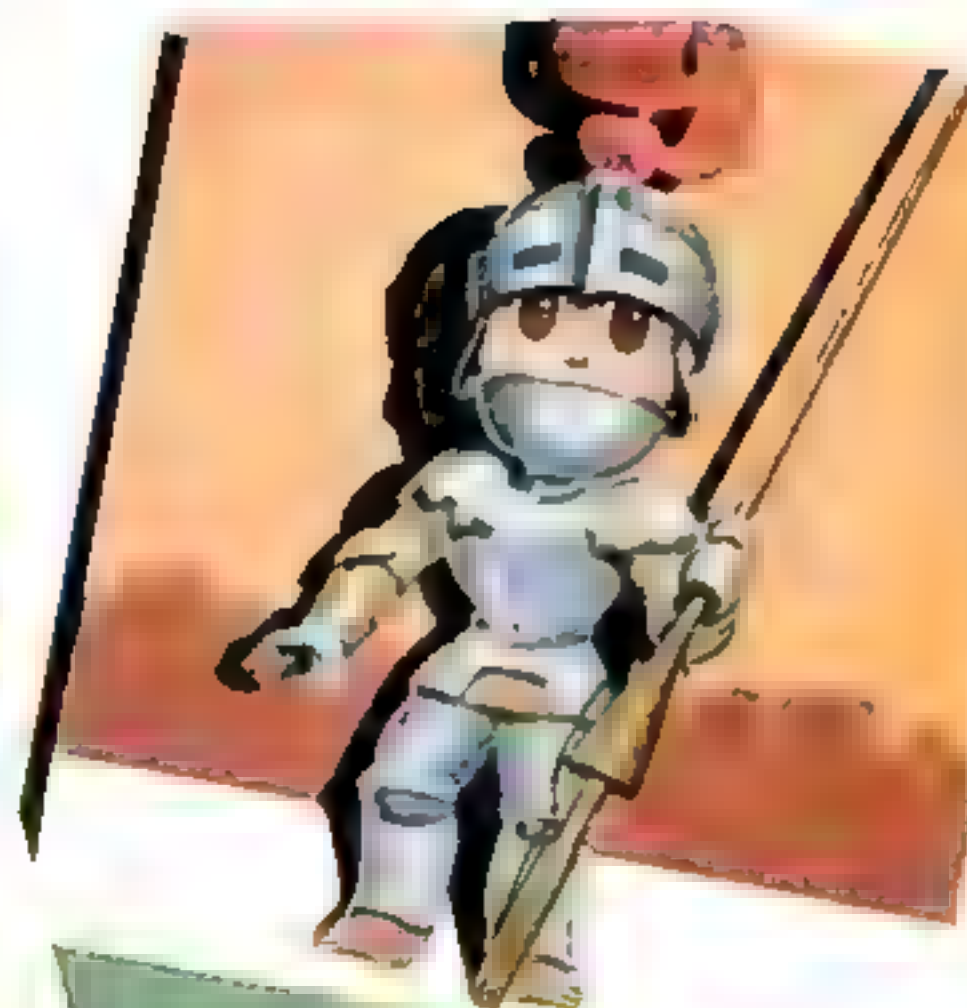
Purebred boar, raised by two boys near Hayden, is driven to station to be loaded on the "Commodity Special." Boar will bring \$100 at prevailing prices in Denver.



Wheat is loaded on truck at Hayden. These two farmers gave 44 bushels. The train-load of produce helped Northwestern Colorado exceed quota before drive began.



OF COURSE Vitamins G, P, P!
You can't be alert, awake, "alive" without them! You get them—and the entire Vitamin B complex family in Ovaltine!



OF COURSE Iron! Without iron, you can't have good red blood. Ovaltine supplies all the extra iron you need—in the only way you can fully use it!



OF COURSE Calcium & Phosphorus! They're vital to bones and nerves in adults—also to teeth in children. The Ovaltine way, you have loads.

Quit Worrying

ABOUT

VITAMINS AND MINERALS

3 Average-Good Meals + 2 Glasses of Ovaltine Give the Normal Person All the *Extra* Vitamins and Minerals He Can Use!

Millions of people today know how important it is to take *extra* vitamins and minerals. So we want to emphasize this point: Ovaltine is one of the *richest* sources of vitamins and minerals in the world.

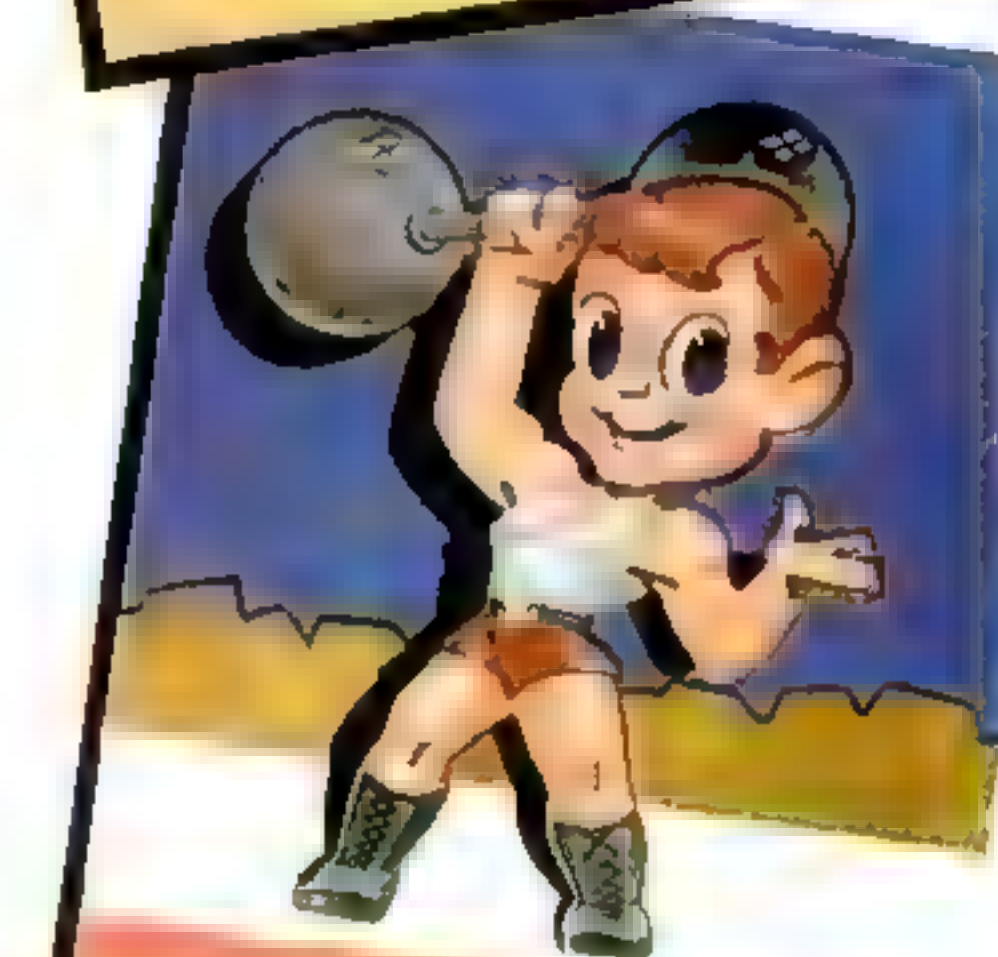
In fact, if you just drink 2 glasses of Ovaltine a day—and eat three average good meals including fruit juice—you get all the vitamins and minerals you need. *All you can profitably use*, according to experts—unless you're really sick and should be under a doctor's care.

So why worry about vitamins and minerals? Rely

on Ovaltine to give you all the *extra* vitamins and minerals you can use—along with its many other nutritional benefits. Just follow this recipe for better health . . .

3 GOOD MEALS A DAY + OVALTINE NIGHT AND MORNING

WARNING! Authorities say you can't completely trust "good" meals to supply *all* the vitamins and minerals you need for good health—even with careful meal planning—because shipping, storing and cooking reduce the vitamin-mineral values of food. Today's food shortages make it even more important to rely on Ovaltine for all your *extra* vitamins and minerals.



OF COURSE Vitamin A! Children need it to grow. You need it to fight off colds. With Ovaltine you get *all* the extra A experts say you need.



OF COURSE Vitamin D! You get D from sunshine—but most of the year most people don't get enough sunshine. Rain or shine, you're safe with Ovaltine!



OF COURSE Vitamin B₁! You eat poorly—and you're tired, listless, nervous, "low"—if you don't get enough B₁. The Ovaltine way, you get plenty!



OF COURSE Ovaltine gives you much more than vitamins and minerals. It is prescribed the world over by doctors as a special dietary food for those who are thin, nervous or under par.

OVALTINE

THE PROTECTING FOOD-DRINK



Two convenient sizes
—Large and Regular

TUNE IN: *Burns and Allen,*
CBS, Tuesday Nights



DON'T WASTE SOAP!

Train the family! Clip out these hints. Paste them on the bathroom mirror. Keep a dish for soap ends handy.

1. Don't leave soap in water
2. Don't make more lather than you need.

3. Beware of a wet soap dish! Keep it dry.

4. Save soap slivers; dissolve in boiling water to make a soap jelly; use for dishes, shampoo, etc.



"MUTINY ON THE BOUNTY" SKIT SPOOFS THE CANADIAN NAVY REGULATIONS. HERE CAPTAIN BLIGH (A. CAMERON GRANT) PUNISHES A DISOBEDIENT SEAMAN (LIONEL MURTON)

"MEET THE NAVY"

The Royal Canadian Navy puts on a very funny revue

Touring throughout the Dominion of Canada at the moment is *Meet the Navy*, an urbane and tuneful revue with a cast of Royal Canadian Navy Wrens and sailors. *Meet the Navy* falls into the World War II pattern of servicemen shows for civilian audiences, a pattern manifest in the Red Army's theaters, in Irving Berlin's *This Is the Army* now starting a tour of U. S. foreign bases, in *The Army Play by Play* and in the recent Canadian Army show. That the pattern is not fading is attested to by the fact that now in production is a revue incorporating the talents of the U. S. Eighth Air Force in Britain, while only last Tuesday, Boston saw the premiere of *Winged Victory*, Moss Hart's play, acted by members of the Army Air Forces.

Unlike U. S. A.'s *This Is the Army*, Canada's *Meet the Navy* includes officers and enlisted personnel in its large and almost entirely amateur cast (right). Present plans call for a U. S. tour of *Meet the Navy* shortly after the first of the year.



Finale of Show has cast posed against impressive battleship backdrop. Scenic Designer Paul duPont (*One Touch of Venus*) did the sets and Hollywood's Billy Livingstone the costumes.

EMINENT DOCTORS PROVED PHILIP MORRIS

far less irritating to
the nose and throat!

WHEN SMOKERS CHANGED TO
PHILIP MORRIS, EVERY CASE OF
IRRITATION OF NOSE OR
THROAT—DUE TO SMOKING—
EITHER CLEARED UP COMPLETELY
OR DEFINITELY IMPROVED!

That is from the findings of dis-
tinguished doctors in clinical tests
of actual smokers—reported in
an authoritative medical journal.



We claim no curative powers for
Philip Morris—but that evidence
proves them less irritating to the
nose and throat.

In addition—you will find Philip
Morris finer in taste—more en-
joyable.

**CALL FOR
PHILIP MORRIS**
America's FINEST Cigarette



"Meet the Navy" (continued)



Anna Leigh, who was inducted as a Wren on Sept. 15, her 18th birthday, sings in the Russian scene. Russia is popular in Canada. This number gets the biggest applause.



Coney Island scene features Wren Blanche Harris and Petty Officer Alan Lund (in blazer). Their graceful dancing is also one of *Meet the Navy's* most impressive hits.

CONTINUED ON PAGE 11

“Why can’t we wash dishes by pushing a button?”

WHEN you see push buttons and levers moving mountains in war plants, you may ask yourself this question:


“Why can’t electricity do more of the drudgery of housework—washing dishes, for example?”

And General Electric’s answer is this: if you can’t have an electric sink with dishwasher and garbage disposall in your home today, it’s because General Electric—like you—has given up peacetime work for war.


But peace will come again and with it still greater General Electric skills developed by the precision manufacture of wartime.

Thus, when you’re ready for that wonderful after-Victory home or kitchen you’re planning now, General Electric will also be ready with the electric sink you dream about—a General Electric sink with a dishwasher that requires only a turn of the wrist to wash, rinse and dry your dishes. And a disposall that shreds all garbage and washes it down the drain without fuss or bother.

So buy War Bonds today—and keep on buying to hasten Victory—and for better living electrically in your after-Victory home!



Everything Electrical for After-Victory Homes

GENERAL  ELECTRIC



America still needs women for war plants to speed Victory!

Hear the General Electric radio programs: “The G-E All-Girl Orchestra” Sunday 10 P. M.—E. W. T. NBC. “The World Today” news every weekday 6:45 P. M.—E. W. T. CBS.



GREASE for SHIPS -but NOT for SHAVES

Grease is great for sending ships down the ways, but men *hate* to put it on their faces. That's why so many men are switching from ordinary brushless to the new Mennen Brushless Shave—it's a cream, not a grease! Jar or tube.

- wilts whiskers faster
- snowy white in color
- spreads easily, rapidly
- soothes dry, tender skin
- not messy, washes off easily
- goes farther, costs less per shave

Novel Radio Program — Ed Sullivan Entertains
CBS Monday Nights 7:15 p.m. EDT 8:15 p.m. MWT
6:15 p.m. CWT 8:15 p.m. PWT



NEW!
A CREAM,
NOT GREASE

"Meet the Navy" (continued)



"You'll Get Used to It" is sung by John Pratt, one of show's outstanding comics. Lyric by Pratt kids the hardships of a sailor's lot, but says he'll grow used to it.

True Yesterday—

PLYMOUTH BUILDS GREAT CARS

THE "RC"

In Trust for Tomorrow



Plymouth owners know well the unique rewards of Plymouth's distinguished engineering and high-precision manufacture. Today, in the huge plants that once turned out upwards of 600,000 great cars a year, Plymouth skills are applied to war jobs calling for unerring accuracy: on tank, cannon, airplane assemblies, welding and machining armor-plate, fabricating numerous exact items from aluminum, bronze, magnesium, cannon steels. ★ Plymouth dealers, meanwhile, have parts available, and provide outstanding service for cars of all makes. ★ PLYMOUTH Division of Chrysler Corporation.

CHAMPION SPARK PLUGS

ON ACTIVE DUTY ON THE HOME FRONT!

Here at home, Champion Spark Plugs "Back The Attack" in buses, cars, trucks, tractors, planes, stationary and marine engines of every type, delivering manpower and horsepower to tasks vital to Victory. In engines of every size and type, Champions are maintaining their long established reputation for better performance, greater dependability.



IN THE AIR. The air transport lines probably carry more important people on important missions than any other type of transportation. Dependable Champion Spark Plugs are enjoying rapidly-growing favor with leading air line companies.



IN TRUCK TRANSPORTATION. It is difficult to realize how dependent the nation is on truck transportation. For example, 54,000 communities depend entirely on motor vehicles, and 20 major cities receive all milk by truck. Here again dependable Champion Spark Plugs excel and are preferred.



IN CIVILIAN TRANSPORTATION. Greater numbers of war workers than ever before depend on their own cars in driving groups to get them to and from work. Champion Spark Plugs are one source of efficiency and economy that everyone knows he can depend on.

BACK THE ATTACK—WITH WAR BONDS

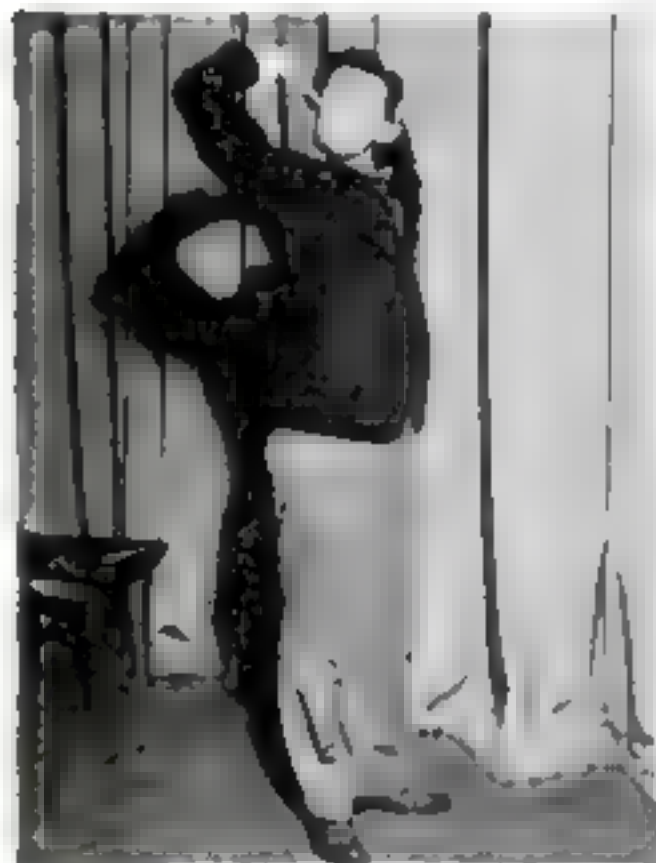
"Meet the Navy" (continued)

IT HAS PROMISING YOUNG COMEDIANS

Not the least of *Meet the Navy's* appeal lies in its comedians. One is John Pratt (see p. 50), whose *You'll Get Used to It* evokes a storm of applause. Another is Robert Goodier, who acts in skits, sings in a trio and does a solo bit. This act represents his satiric impression of a young woman getting up and getting dressed in the morning. Here and on page 54 are scenes from it.



GOODIER WAKES UP, SITS ON EDGE OF BED, STICKS TONGUE OUT SLEEPILY



HE EXAMINES HIMSELF IN A MIRROR, STRETCHES LAZILY AND SCRATCHES



HE HAS QUITE A STRUGGLE TRYING TO GET NIGHTIE OFF OVER HIS HEAD

CONTINUED ON PAGE 54



RONALD
McLEOD

Deep in the heart of every mother of a son in the Armed Forces is this question:

What are you doing for my boy?

It's my right as the mother of a fighting man to have an answer to my question—to know that my boy is being armed and clothed and fed and equipped with the very best. And I have a right to ask—

Are you trying with every power at your command to build safer and better equipment? Are you giving extra hours of your time to improving equipment now in use . . . and to developing new safeguards for men in combat?

Are you testing and re-testing and testing again to be sure that everything you make, every single piece of equipment you manufacture embodies all your science, all your skill, all your craftsmanship?

Are you giving the same intense care to the little things, the unnoticed things that will give my boy a better chance... that will help bring him home safe and sooner? If you are doing these things... if you are giving your best as I have given mine . . . then thank you and God bless you.

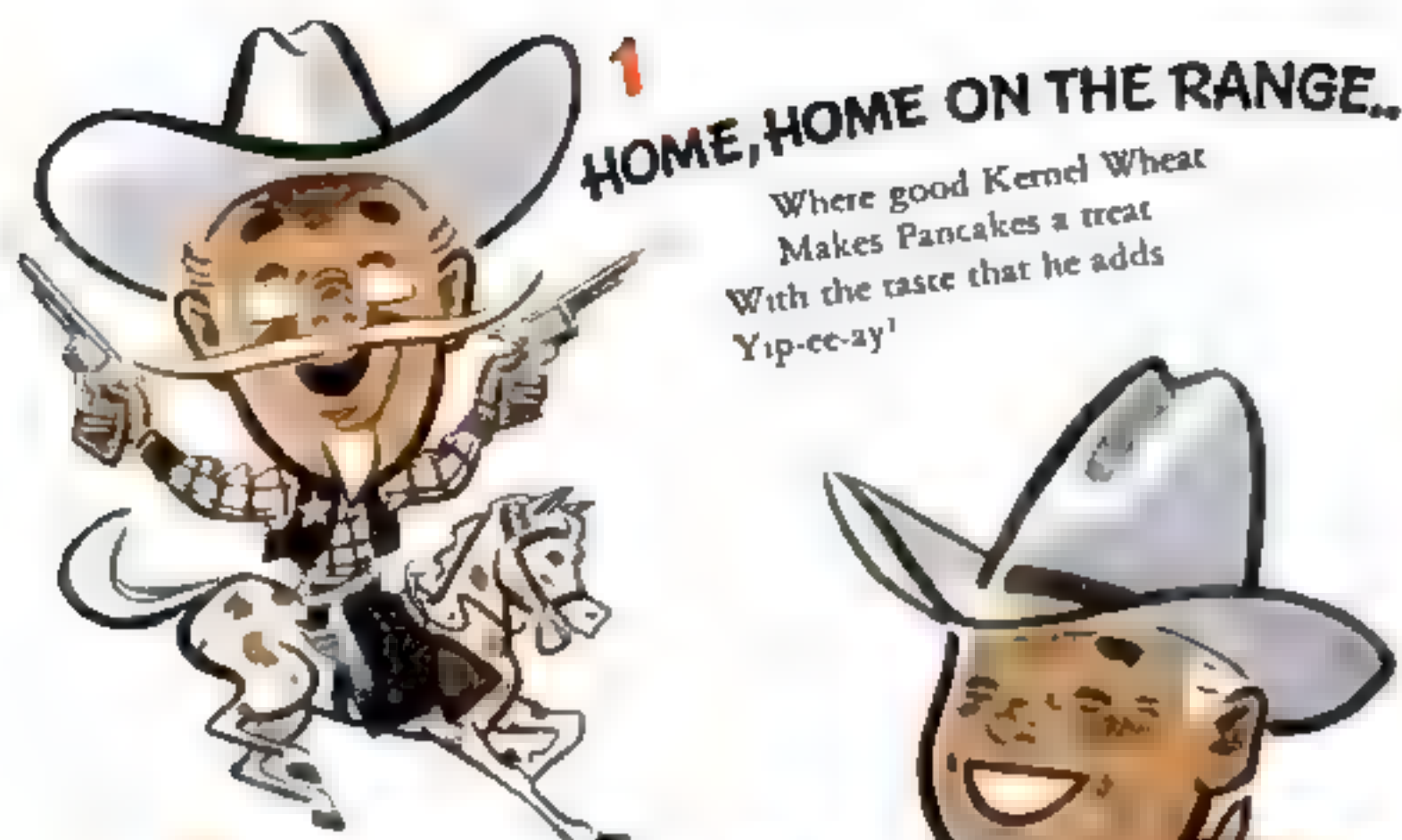
We are called, with other American companies, to answer that burning question. We know that our part in this War is to work night and day, with all our ability, all our resources, to produce an unending stream of the things that mean waging successful war. We have brothers, sons, fathers there, too. In fact, more than 10,000 of our fellow workmen are now in uniform. We know there must be no shortages. There must be no failure or slackening in the supply of ammunition, of tank treads, of life rafts, of bullet-sealing fuel tanks... of any one of the thousand things we make. We know that the comfort, health, and very lives of thousands of American boys are dependent on each day's work. We couldn't sleep nights if we did not make each day's work the very best we know how.

UNITED STATES RUBBER COMPANY

1230 Sixth Avenue • Rockefeller Center • New York 20, New York • In Canada: Dominion Rubber Co., Ltd.



Listen to the Philharmonic Symphony program over CBS network Sunday afternoon, 3:00 to 4:30 E.W.T. Carl Van Doren and a guest star present an interlude of historical significance.



1 HOME, HOME ON THE RANGE..

Where good Kernel Wheat
Makes Pancakes a treat
With the taste that he adds
Yip-ee-ay!

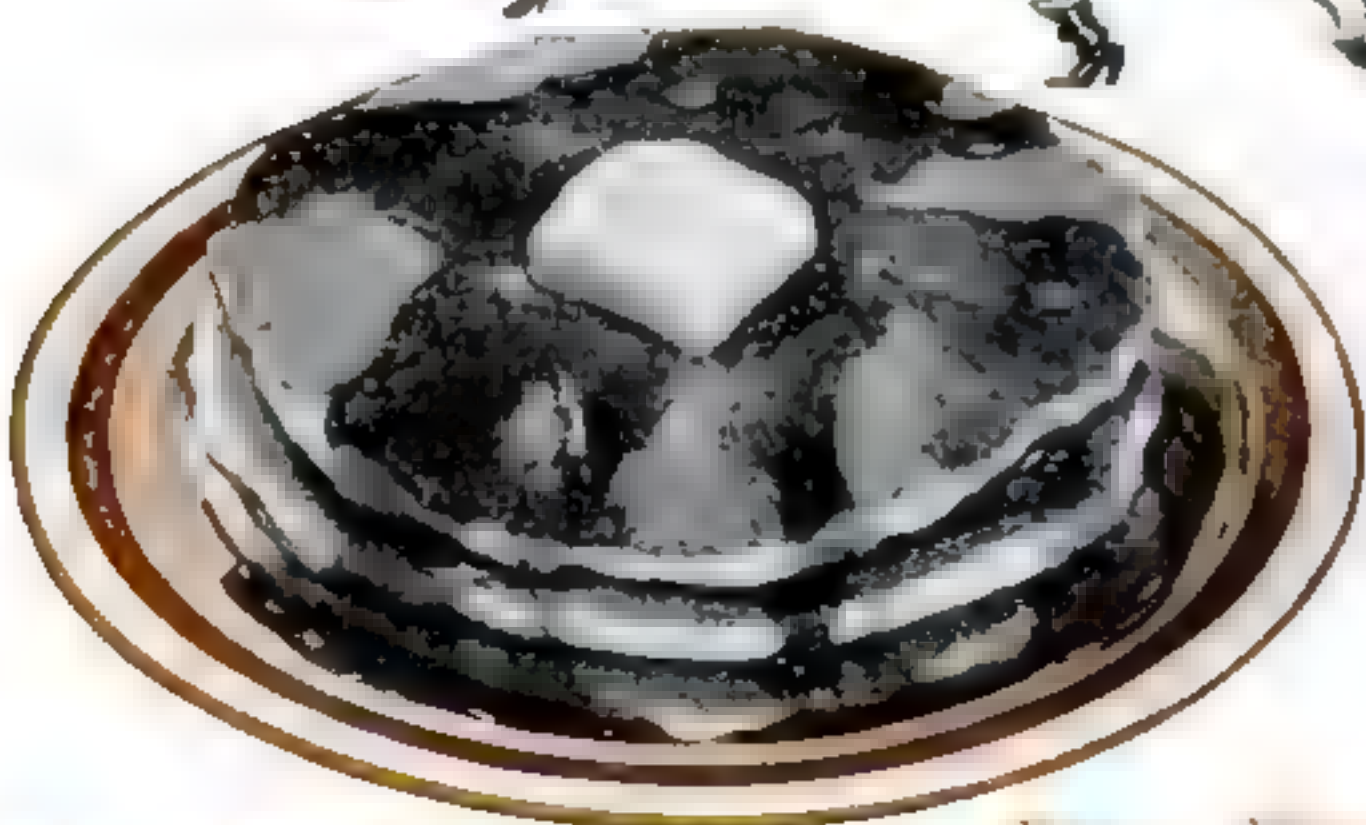
2 This Kernel Corn feller Adds flavor that's meller



And Kernel Rice, white
Makes the texture so light

Kernel Rye, sure as shootin'
Adds zest, doggone tootin'
They're a treat hard to beat
Yip-ee-ay!

That Pillsbury flavor
With 4-Kernel zing
Makes appetites
Sit up and sing!

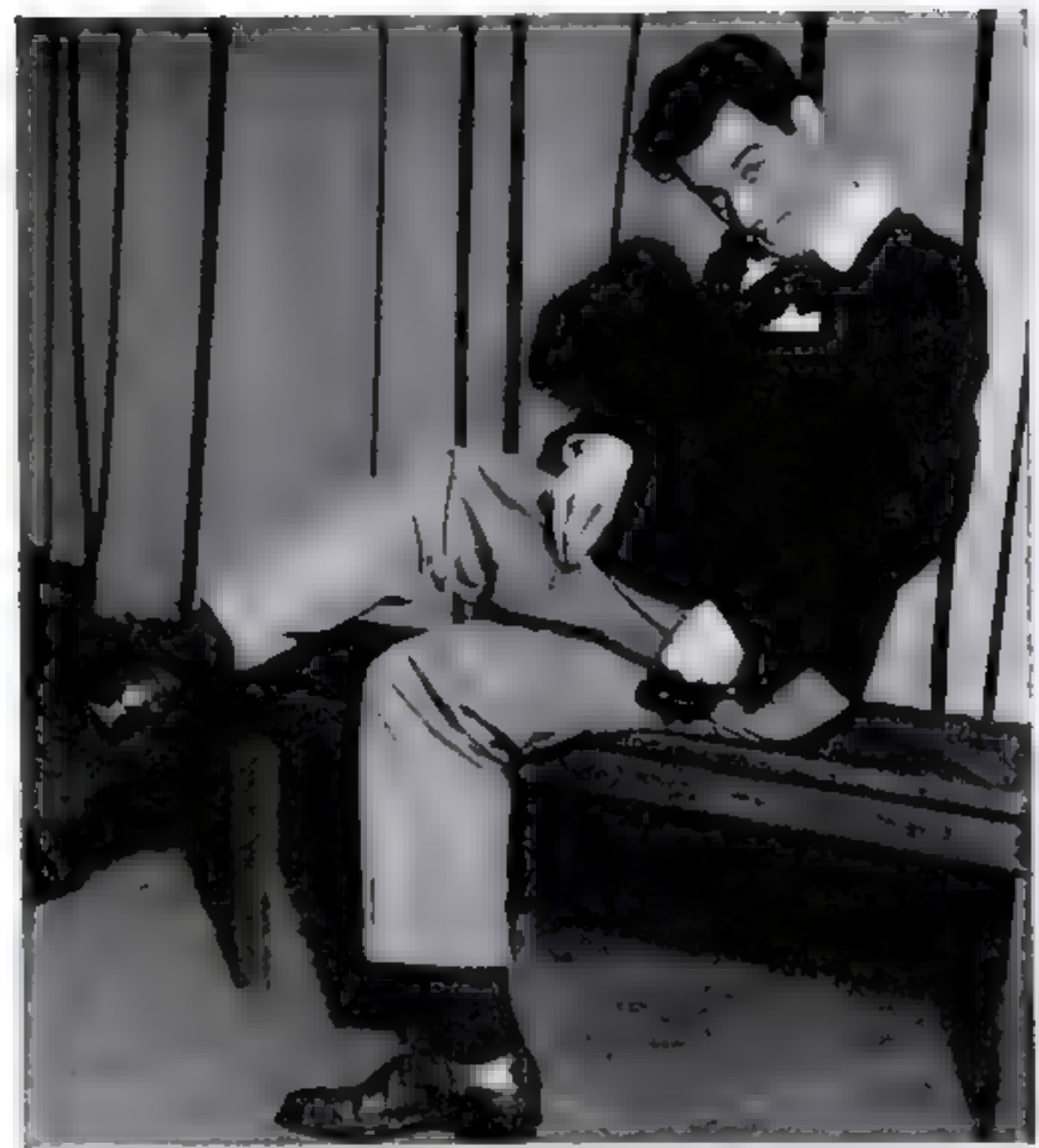


Ready-Prepared—with or without Buckwheat

PILLSBURY'S PANCAKE FLOURS REQUIRE NO RATION POINTS!

COPYRIGHT 1943, PILLSBURY FLOUR MILLS COMPANY TRADE MARK REG. U.S. PAT. OFF.

"Meet the Navy" (continued)



HE PULLS THE STOCKING TOP UP TO MEET GARTER ATTACHED TO THE GIRDLE!



GETTING GIRDLE ON IS A TOUGH JOB



HE EXAMINES GIRDLE'S SMOOTHNESS



HE BRUSHES HIS TEETH DAIN'TILY WHILE ADMIRING HIMSELF IN THE MIRROR

The Legend of our Old Fashioned Chili Sauce



"We Snider Folks still talk about the time the kitchen swallowed up Grandma," says Grandpa Snider. "She disappeared into it and wasn't seen for two weeks!"

"When Grandma finally opened the door, we Snider Folks were lined up three deep, sniffing the spicy smells, and looking hungry."

"Folks," says Grandma, "I've been makin' chili sauce, so start tastin'."

Lan's sakes, was that sauce good! The real, old fashioned kind made with ripe, red, juicy tomatoes all flavory with peppers, and celery, and onions.

"You don't get chili sauce like this down to the store, Grandma," says Uncle Joe.

"Why don't we make this for folks to buy, just like our Snider's Catsup," says little Sue, who's mighty sharp for her age.



"Heavens to Betsy, child," snaps Grandma. "what do you think I've been working so hard for?"

So into the bottles went Grandma's recipe, and soon Snider's Old Fashioned Chili Sauce was famous, just like Snider's Catsup.



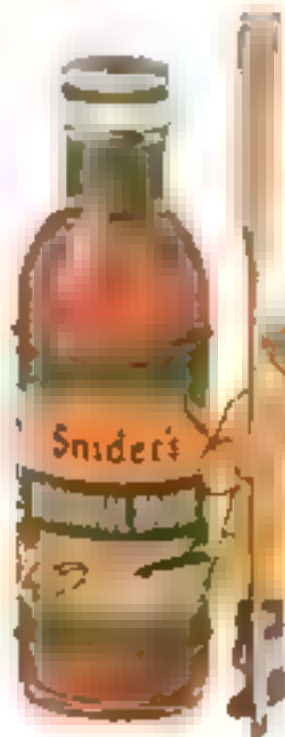
"Shucks, Farmer Snider deserves half the credit," Grandma used to say. That's because fine, big, ripe, juicy tomatoes from specially selected strains are used in Snider's Chili Sauce.

See that picture of Farmer Snider! He says it's silly to draw him that way because he doesn't really stand guard with a gun over his prize winners. But it gives you a rough idea of the care he takes of 'em.

That's Brother Bill there, by our Snider's Catsup. He writes that it seems like home in the army because they're serving so much of our Catsup and other specialties.

So if you have a little trouble now and then finding our products, remember we're shipping lots to camp, and have patience, folks.

Old Salt Snider wants me to tell you about the Cocktail Sauce we Snider Folks make, too. He knows sea food, and says Snider's Cocktail Sauce is top! So try it, won't you?



"SHUCKS — ALL WE DID WAS PUT GRANDMA'S CHILI SAUCE IN A BOTTLE!"

MADE from an old country recipe, Snider's Chili Sauce turns plain wartime dishes into mouth-watering delicacies.

And while the Little Snider Folks don't really exist, their spirit of devotion to making finer foods is very real to us.

Special care is the Snider watchword. For example, in the fertile valleys where our tomatoes are grown, you'll find hundreds of "Farmer

Sniders"—named Brown, and Jones, and Smith—all justly proud of the fine tomatoes they raise for Snider's Chili Sauce from specially selected strains.

In our stainless-steel kitchens, we blend these tomatoes with the finest peppers, onions, celery, seasonings, spices . . . cook them with real "home-style" care. No wonder the name Snider stands for quality!

Snider's *The Snider Folks*

Get the same fine Pard!

SEE FOR



YOURSELF!

APPETIZING!

PALATABLE!

NUTRITIOUS!

1 This is PARD before Dehydration

Here is how the Pard we are making right now would look if we could bring it to you in pre-war form—in cans . . .



THIS IS A NATURAL COLOR PHOTOGRAPH

2 This is PARD DEHYDRATED *

water added—ready to serve

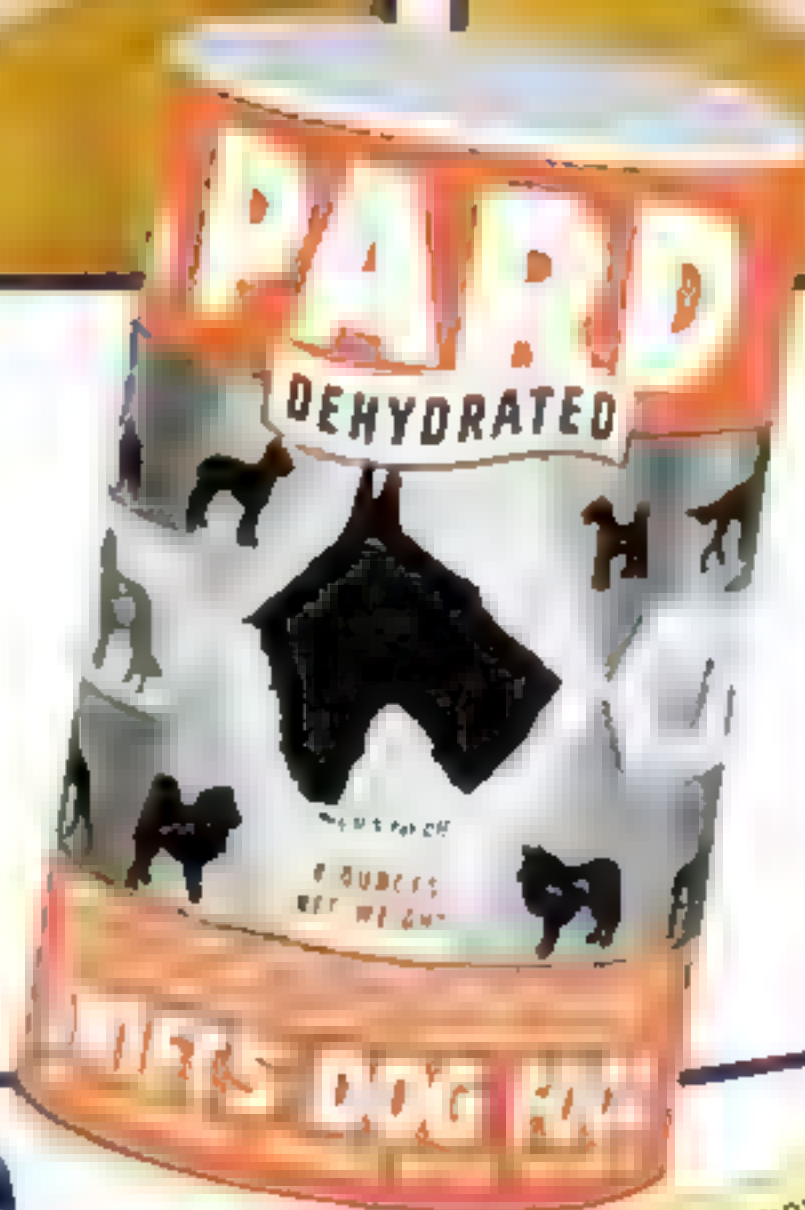
Here is the same fine Pard as shown in 1—except its moisture has been removed by scientific dehydration; then later restored before serving by the simple addition of water.



THIS IS A NATURAL COLOR PHOTOGRAPH

PARD DEHYDRATED is made of selected fresh meat by-products and other proven health foods. It is nutritionally balanced to provide all the food essentials your dog needs for glowing health!

The proof of Pard Dehydrated's palatability is in the feeding! Your dog will see and sniff its "fresh food" goodness immediately. Then, watch him demonstrate how honestly appealing it is. He'll show you it's as tempting, wholesome and appetizing as ever!



In Swift's scientifically controlled process of dehydration, the food values and appetite appeal of Pard are carefully protected. That's why you need add nothing else to maintain your pet in excellent health—no table scraps, rationed table meat, or even milk.

Convenient and easy to serve—you'll find Pard Dehydrated as thrifty as ever, too. So start your pet on it today. And by feeding Swift's Pard Dehydrated exclusively, you save needed table foods!

*PARD Dehydration is entirely different!

It's the latest and finest of scientific methods—a process exclusively Swift & Company's. It starts with fresh meat by-products, and other whole products. Then all moisture is slowly removed in a wholly new way. There's no other dog food like it!



LIKE FRESH-GROUND FOOD,

Pard before scientific dehydration is blended into a well-balanced, appetizing formula—rigidly adhered to and nutritionally excellent.

NUTRITION IS SCIENTIFICALLY PROTECTED

LOW DEHYDRATION TEMPERATURE—165° F. drives off moisture, protects food values. Leaves all nourishing goodness intact. An original Swift process—Pat. applied for.

BUY WAR BONDS

YOUR DOG LIKES IT

because he recognizes it as Pard, his long time favorite. The simple addition of water restores Pard Dehydrated to its naturally appealing form.



"The family dog—in life our firmest friend, the first to welcome, the foremost to defend. Let's treat him well."



WITH JAP GRENADE, LIEUT. MILLER DESTROYED ENEMY SEARCHING PARTY. USING SAME METHOD THREE TIMES MORE HE WIPED OUT MACHINE-GUNS FIRING AT U. S. PLANES

THE BATTLE OF ARUNDEL ISLAND

FOR 39 DAYS A WOUNDED, SHIPWRECKED NAVY LIEUTENANT WAS A ONE-MAN ARMY BEHIND JAP LINES

by LIEUT. HUGH BARR MILLER JR., U.S.N.R., as told to FRANK TREMAINE

The "slot" was our baby. We knew it and its adjacent waters as we knew our own backyards at home. We had to know it, for through that slot down the center of the Solomons came the nightly "Tokyo Express," seeking to bring supplies and reinforcements to Tojo's advance bases. As veterans of the Solomons campaign, we had spent endless nights shadow-boxing and hitting the "Express" with telling effect.

But tonight was different. It was the Fourth of July 1943, and it was black as Davy Jones's locker at the bottom of the sea. Not a star shone, and dawn was still hours off. Our task force, which included my ship, the new 2,100-ton destroyer *Strong*, was to cover American landings at Rice Anchorage. Only a few miles away lay the Japs' almost impregnable New Georgia strongholds of Enogai Inlet and Bairoko. We would give them the works.

We opened up with tremendous salvos. The night was split with flame. Sharp silhouettes of our own ships were clearly visible. We let go again and again, pounding the shore with tons of destruction. Within a very few minutes, the batteries ashore ceased firing. Our job was done, and we sped for the mouth of the Gulf. Then it happened.

The *Strong* was hit. A terrific explosion followed and she shook like a leaf from stem to stern. A Jap torpedo had found a vital spot.

How many men from the *Strong* survived, I do not know. I know that there were 23 of us in the water that night, clustered on two life nets and some pieces of raft. Eleven days later there were four of us left alive on Arundel Island, far behind

Thirteen years ago Hugh Barr Miller was the 140-lb. quarterback of Alabama's championship football team; and on New Year's Day, 1931, Frank Tremaine saw him pilot his team to a 24-to-0 victory over Washington State in the Rose Bowl. The next time they met was in August 1943, on Guadalcanal shortly before Lieut. Miller, U. S. N. R., was awarded the Navy Cross for one of the war's most remarkable exploits. Tremaine, United Press South Pacific Manager, heard the story from Miller, prepared it for the readers of LIFE.

the Jap lines. I had been injured internally by underwater explosions when the *Strong* went down, and on July 14 I had a severe hemorrhage. I believed that I was going to die.

I was the senior officer in our group, and I had to make the decisions. During the night of the 14th, while the others were sleeping, I lay awake trying to figure out our best course. There was a coconut plantation down the coast where we might find help. By staying with me the others were very materially reducing their chances. I determined to send them on alone. The next morning I announced my decision. The boys refused to leave but, as their commanding officer, I ordered them to go and take what equipment we had, which consisted of a sheath knife, a rainproof parka and several tins of emergency rations. The boys prepared two coconuts for me and filled two Jap beer bottles and one or two old cracker

tins we had found with water. I kept a small pocketknife with both blades broken off near the handle and one of the broken blades. I thought I'd never need a knife—or anything else—again.

One boy was barefoot, so I made him take my shoes. When they finally left me late in the morning, he was crying like a baby. They felt they were deserting me and hated to go, but they had to obey orders. It was the last I ever saw of them. What happened—whether they fell into the hands of a Jap patrol, or what—I don't know.

I lay down there to die. Figuring I wouldn't last long and that I might as well be as comfortable as possible, I drank all my water that first day—the 15th—after the boys left. To my surprise I was still there the next day, and I began to rally. I didn't move all that day and by late afternoon of the 17th I felt a little better and a little stronger. I got to thinking about myself then and I decided I wasn't showing up as the kind of guy I had thought I was, just to lie down and die without a fight. My situation looked pretty hopeless, but I determined to do something about it. I was in an excellent position to observe Jap operations from Kolombangara, and there might be a lot of information I could get for our people if I could live. So I held a little conversation with the Lord, lying there on the edge of the jungle that evening, and I told Him that if He'd give me a little water, I'd get up out of there and do something about this situation. Then I went to sleep.

About 9 p.m. it started to rain, and it rained cats and dogs for four hours. The water just poured down. My bed was under a big tree and

TWO GREAT NEW HOME MOVIES YOU CAN OWN!

8 mm. 16 mm. LOW COST!



"CLYDE BEATTY'S ANIMAL THRILLS"

One of the most exciting home movies ever filmed! See Clyde Beatty face instant destruction! Watch him awe jungle killers with no weapon save will-power! See savage big cats obey their

master... while watching for a chance to rend him to shreds! Thrill yourself, your family, your friends with this super-thriller! Own it now!

"THREE LITTLE BRUINS"



This home movie is packed with sheer delight. The whole family will chuckle over the antics of three little bears in the big woods. They meet baby foxes, an owl, a skunk, and other wild creatures. The children will go into raptures over this one. You'll want to show it again and again. Own it! Give it!

FREE!

New De Luxe Castle Films' Catalog describing 98 thrilling films which you can own or give! Historic war films! Sports! Travel! Adventure! Fun cartoons! Ideal Christmas gifts! Send for new FREE Catalog! Use coupon below.

CASTLE FILMS INC.

RCA BLDG.
NEW YORK, 20

FIELD BLDG.
CHICAGO, 3

RUSS BLDG.
SAN FRANCISCO, 4

DON'T WAIT!
See your PHOTO DEALER or send the handy order form below
TODAY!

ORDER FORM

Send Castle Films' Home Movies indicated in the size and length checked.	8 mm.		16 mm.		
	50 ft.	100 ft.	100 ft.	200 ft.	Total 350 ft.
"Clyde Beatty's Animal Thrills"	\$1.75	\$5.50	\$2.75	\$8.75	\$17.50
"Three Little Bruins"					

Name _____
Address _____
City _____
State _____

Remittance enclosed ☐ Ship C. O. D. ☐

Send Castle Films' FREE De Luxe Catalog ☐

ARUNDEL ISLAND (continued)

the water ran in a stream from a large tropical leaf, so I put my tin under the stream and then my beer bottles. I drank four tins of that God-given water as soon as they filled up, replenished the tin and went back to sleep, ready to go in the morning.

When I awoke I sipped my tin of water for a leisurely breakfast in bed, rolled up my blanket, made a pack of it, put my bottles of water in my pockets, got the staff the boys had cut for me and started back in the direction from which we'd come four days earlier. Back there, about a mile and a quarter away, was a little spring. I headed toward it.

The first 100 yards was a major ordeal because I was so weak and the coral and rocks punished my bare feet horribly. In no time they were slashed to ribbons. But I shuffled slowly on and reached the spring just before dark in a state of complete exhaustion. I filled up on water, lay down under a log and went to sleep. In the morning I drank a lot more water and then went about 100 yards into a nearby group of coconut trees for a nut. I beat off the husk on a piece of sharp coral rock and cut the eye out with my little broken knife blade, then drank the juice and ate some of the meat. It was the first solid food I was able to retain in 15 days and I grew stronger daily thereafter.

As I lay dozing near the spring that night in an old Jap navy blanket I had found, I heard a noise down the beach. I listened carefully. The noise came again. I couldn't be sure just what it was, but my camp was not very well situated for hiding so I stole back into the jungle. I hid out in the underbrush just as a small Jap patrol came into view down the beach.

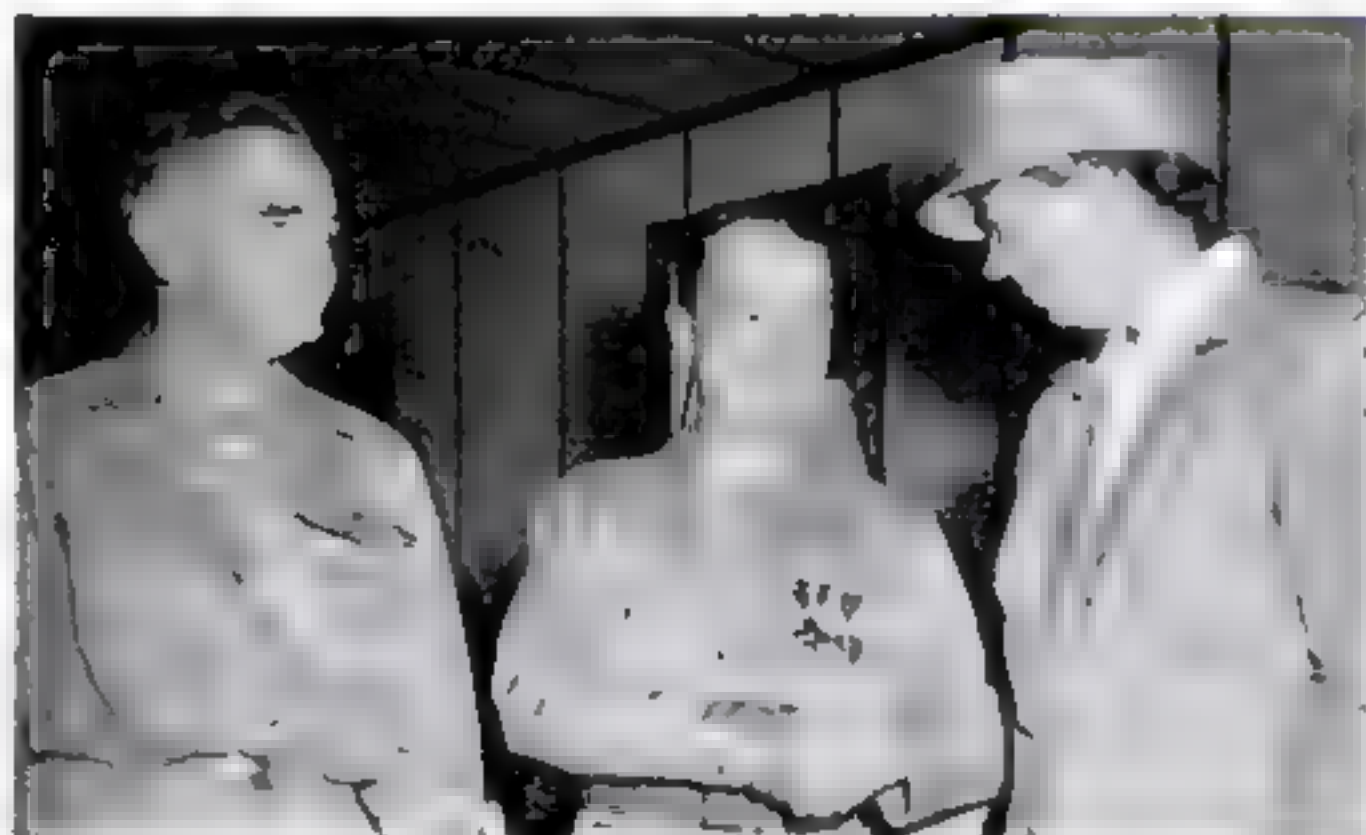
A home in the jungle

After that first close encounter with the Japs, I realized that if I were going to live and get some information to our people, I'd have to find a better camp site. I tried to reconnoiter my position in the morning, although my feet were masses of cuts and sores. Every day for the next five days I covered a section of the heavily wooded country around the spring. When I finally found my camp, it was a lulu. Back in the jungle, among other trees, were some great mangroves whose trunks grew tight along the ground, except for an occasional loop into the air, clear out to the edge of the water before they sprouted branches. The branches there formed an effective screen against prying eyes from the water. Where one of the mangroves looped into the air about 100 yards from the beach, I found a natural shelter, protected on all sides by thicker and branches.

I built a palm-frond lean-to under the loop to improve the natural shelter and made a bunk of tender fronds which was just as dry as tinder. My pillow I made from smaller fronds and when I rolled up in my blanket in there, I was perfectly secure. In front of my camp, beyond the protecting screen of branches along the edge of Hathorn Sound, was a salt flat that was dry at low tide. Just beyond my shelter was a little "backyard," as I called it, which turned out to be my fort. It was a diamond-shaped place about ten feet across, on all sides of which were big four-foot trunks tight to the ground. If I'd ever had a machine gun, it would have been a hell of a position for the little Nips to get me out of.

After completing the diamond, one trunk ran at a 45° angle to a height of about 30 feet where it looped over a branch of a big tree, making a nest up there. This was my lookout position when the Japs were close. I could hear marvelously from that place, too. When

CONTINUED ON PAGE 10



Mrs. Roosevelt visited Miller in South Pacific Naval Hospital. Admiral Halsey cited him for "gallant and courageous conduct," awarded him Navy Cross, Purple Heart.

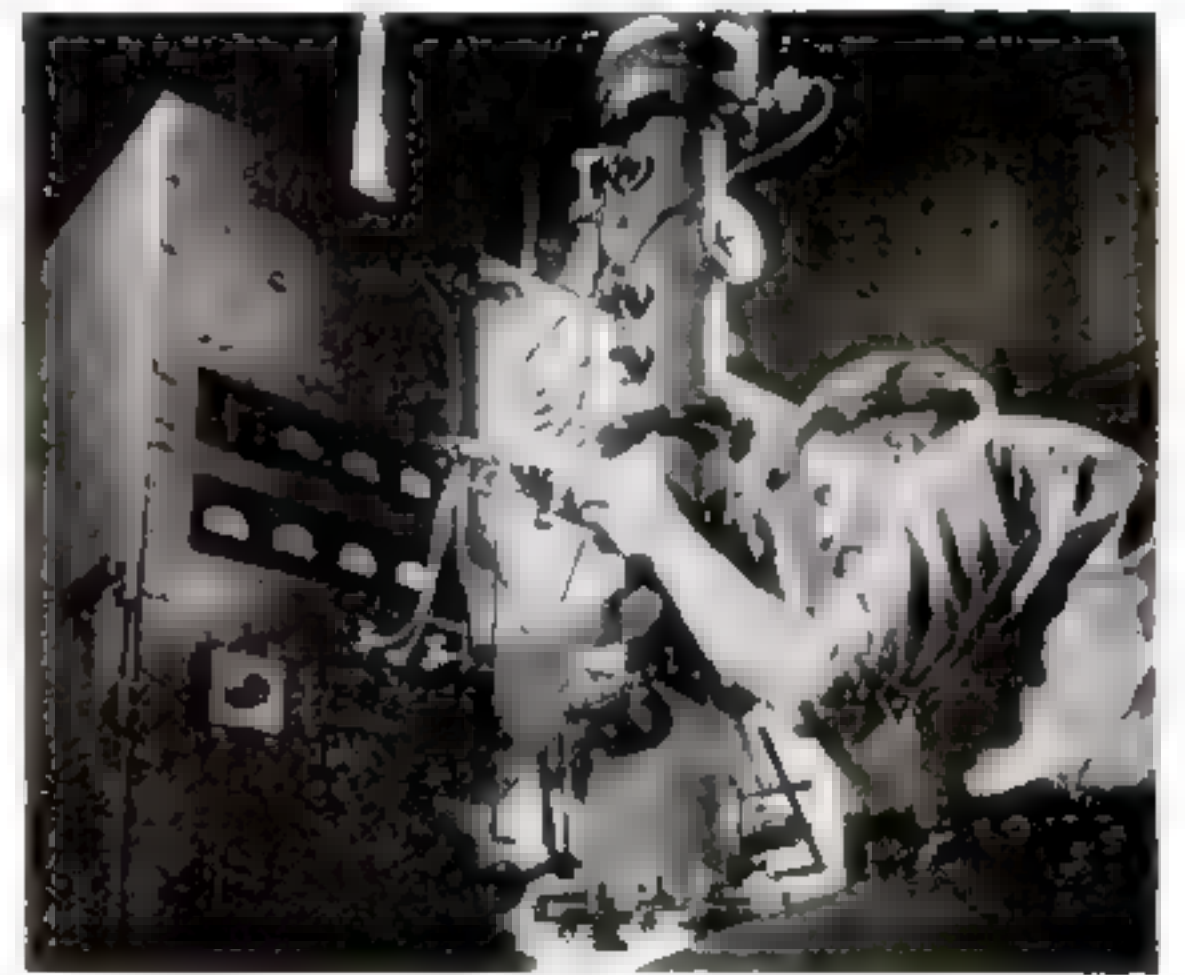


Westinghouse gives deadly accuracy to tanks in battle . . .

A special Westinghouse device exclusive to American tanks—a gun stabilizer—increases the accuracy of fire by more than 500 per cent. It enables them to fire, without stopping, as our tanks charge across even the roughest battlefield.

Westinghouse assures unerring accuracy of precision workmanship . . .

Accuracy to the five-millionth of an inch, to the millionth of a pound . . . checked and rechecked by the most delicate instruments known to science. Accuracy that helps give the American fighting man the best equipment of any soldier in the world.



Westinghouse wartime accuracy will build a finer peacetime world . . .

New standards of accuracy have grown out of the demand for *better* machines of war. The same new standards—undreamed of before the war—will mean far superior, longer-lasting equipment in your postwar home . . . even finer electric refrigerators, automatic home laundry machines, electric ranges and the host of other appliances that will make the name Westinghouse more than ever a household word for quality. Westinghouse Electric & Manufacturing Company, Pittsburgh, Pennsylvania. Plants in 25 cities . . . offices everywhere.



HARVEL

One of America's Fine Watches

KEEPS UNIFORM TIME FOR MEN IN UNIFORM

The following is an excerpt from an actual letter written by an officer of the Armed Forces:

"At the time I went to the land down under, Australia, and the Southwest Pacific area some sixteen months ago, a number of your Harvel watches accompanied our task force, and for your information they are today -- right now, in fact -- giving excellent service in Australia and New Guinea. . . . But the details will have to wait until some later date."

Every Harvel Watch features the famous Nivarox hairspring and self-compensating beryllium balance. Every Harvel Watch has specific purpose jewels. Each movement is precision-processed by exclusive methods for freedom from friction. These factors help to insure accuracy and long service.

HARVEL WATCH COMPANY • ROCKEFELLER CENTER, NEW YORK, 20



IN BANYAN FORT WITH LIZARD FRIENDS HE EXAMINED MATERIAL TAKEN FROM

ARUNDEL ISLAND (continued)

necessary, as it was a few times, I'd ease back down into my fort to defend myself if the Japs located me.

A foot and a half from the head of my bunk, where a big root went into the ground, lived a family of lizards. The biggest was an old great-granddaddy about two and a half feet long. He was so old and rusty that he rattled when he walked and he awoke me nearly every night as he passed close to my head on his way home from a foraging expedition.

Harry, the second lizard, was about 18 inches long. I didn't like Harry much because he had a tail which was about half of him, and he persisted in hunting ants right over my head with his tail hanging over the edge of the tree trunk. Often I awoke to see that tail hanging right over my face and I always came up with a start, thinking it was a snake.

Frank, the third lizard, steered clear of me as much as he could. We had a mutual dislike. My favorite was the little one, Mike, who was only about four inches long. He never was afraid of me and he was my buddy. He stayed in my bed most of the time and caught every spider and fly that came near. I'd hear him rustle in the palm fronds and I'd know he'd caught another bug. He stayed only a few inches from my head most of the time, but never touched me.

There were a lot of birds and insects in the woods and thousands of little land crabs along the beach, but there actually was nothing around there to bother me but mosquitoes and red bugs. The mosquitoes, though, were the most persistent little black devils I ever saw.

The water around the island abounded in fish—every kind under the sun—and I could have caught some easily, but I never got to the place where I had to eat raw meat. I'd always been a good enough hunter at home to have dry matches with me in the woods, but never a good enough Boy Scout to learn to make a fire with sticks, so I got along without a fire.

Altogether my camp was fairly comfortable—almost cozy, I came to feel. But all the time, I knew, I was in danger of discovery by the Japs. Every night they ran troop barges and supply boats down Hathorn Sound in front of my camp from Vila to the lower end of the island and to Munda. I used to watch them slip down the Sound and I longed for a chance to do something about them, even if only to get a report on them to our headquarters. I couldn't, but the Navy did.

On the night of Aug. 2 I heard something coming up—instead of down—the channel. I climbed to my jungle lookout position just in time to see an American PT boat easing along, close to the Arundel shore. At the same time, coming down the channel were some Jap troop-carrying barges, but they couldn't see the PT boat which was hugging the shore. It had turned off its motors by now, so the Japs couldn't hear them either.

The Nip barges came abreast the PT boat almost in front of my



DEAD JAP. IT LATER GAVE VALUABLE INFORMATION TO U. S. INTELLIGENCE

camp. Then the Americans cut loose with everything they had. I had a picnic watching the show as the PT's automatic weapons ripped into the barges and the Japs yelled and screamed and tried to fire back. They had been caught flat-footed and our boys, bless 'em, slaughtered the little Nips. Of all the yelling and screaming I ever heard, those little monkeys made the most noise.

While the shooting was going on, I tried to figure out some way of attracting the attention of the PT boat after the fighting was over. I knew I couldn't yell out, "Hey, Navy," because that's a favorite trick of the Japs to lure Americans into a trap and the Americans' reply probably would be a burst of fire. Finally, after the shooting stopped, I ran back up to my lookout post and started singing the Marine hymn at the top of my voice, but the PT'ers didn't hear me over the roar of their engines. Despite my disappointment, I spent the rest of the night in great glee listening to the little Nips who had gotten ashore screaming and yelling for help from Vila. A Jap rescue boat finally did arrive.

I find a good Jap

Next day, when I could show myself safely, I went searching for a good Jap—a dead one—because this looked like my chance to help myself and do some good, too. I went poking along the water's edge for several hundred yards until I found one floating on the reef just off shore. I waded out and dragged him in. He was a gold mine. Among the most important items I got off him were new socks and shoes—the same ones I wore all through the rest of my stay on the island. I also got a belt, a bayonet, a grenade holder and two very fine grenades. Possibly even more important were five small cans of Jap tinned beef. It was the worst-tasting meat I ever had to choke down, but it was a good change of diet and strength-builder and I rationed myself to one can every other day.

The shoes allowed me to move around much better, protecting my damaged feet, and the bayonet was a vast improvement over the broken knife in opening coconuts. I also got some soap off the Jap which I used in trying to remove the fuel oil from my body, and I stripped the Jap of his uniform which I wore beneath my own to keep my oil-soaked clothes away from my irritated skin.

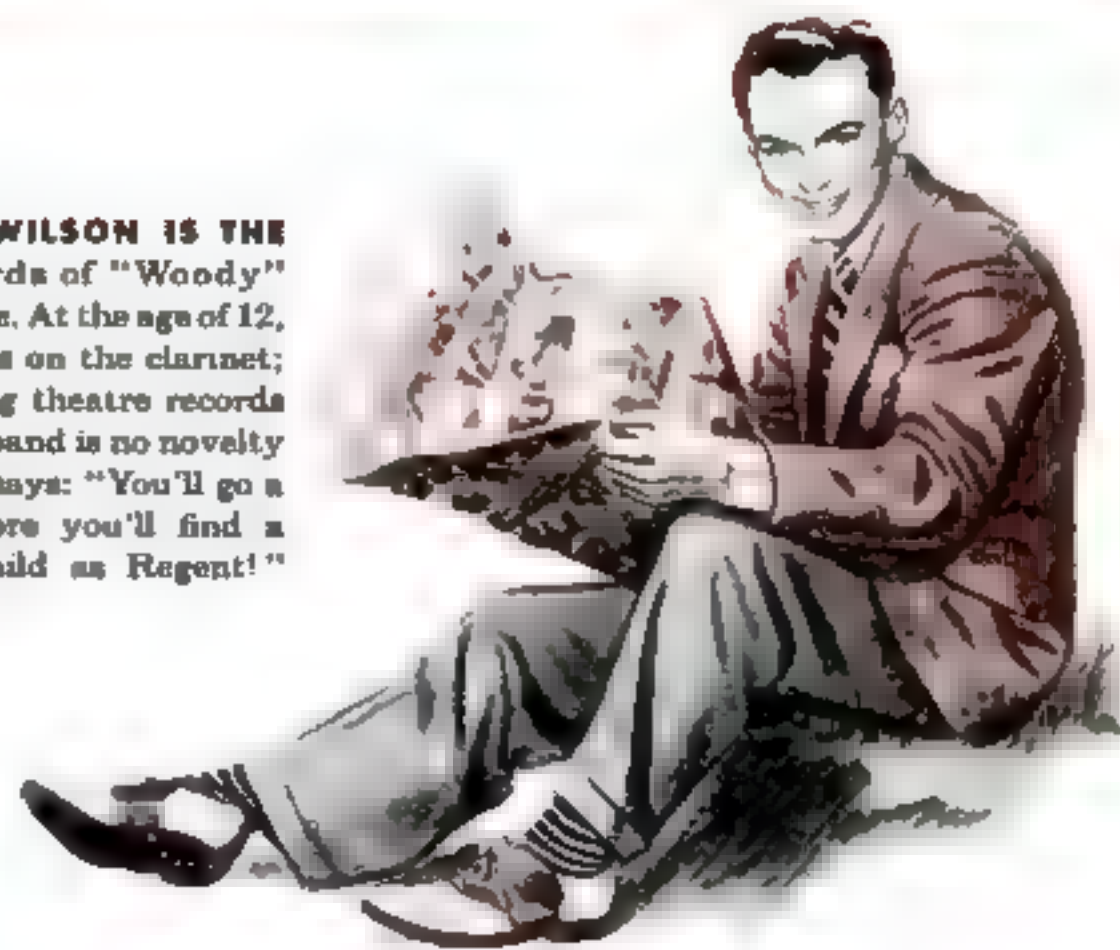
That same day I heard a plane coming, so I got out on the salt flat to signal him. The pilot saw me and circled overhead several times. Finally he dropped a small package containing some iodine and some Army D ration, waved and flew away. The iodine, with which I painted my feet, undoubtedly saved my life as it enabled the cuts to heal. They had begun to fester and I was afraid I wouldn't be able to get around much longer. The D ration, along with the Jap meat, gave me the only thing approaching a decent—although not too tasty—meal I had all the time I was on the island.

Jap patrols from that time on covered the area more or less constantly. At night they placed machine-gun parties in bushy hide-outs along the shore of Hathorn Sound to guard against a recurrence of

CONTINUED ON NEXT PAGE

Are you 'in-the-know' on Herman...Whelan...Lyman?

WOODBROW WILSON IS THE first two-thirds of "Woody" Herman's name. At the age of 12, he was a genius on the clarinet; today, breaking theatre records with his great band is no novelty to Woody. He says: "You'll go a long way before you'll find a cigarette as mild as Regent!"



"BEGIN EARLY" IS ARLEN's recipe for Hollywood hopefulness. She did; barely through with high school, she "starlet-ed" in 5 big pictures and is now on Broadway in "The Dough Girls." Whelan recipe for extra value is Regent. She says, "Regent with its King Size, is over 20% longer... means extra value!"

SUAVE SMILING ABE LYMAN has been a radio favorite for 22 years; has helped to fame a list of people that sounds like a "Who's Who" of the entertainment world. He says: "That Regent crushproof box is right in the groove! Practically a personal cigarette case! And in my book, Regent's better-tasting!"



ALL THREE AGREE that Regents are milder! Multiple Blending, an exclusive Regent process, is the reason. It makes Regents really mild, always so gentle to your throat. Next time, try Regents. They cost no more than other leading brands.

Quality tobaccos... Multiple Blended
make **REGENT**
The milder, better tasting
cigarette!



Stacy Rochman-Dunn

6 A.M.

Alarms ringing all over America, jangling against the noise of city elevateds and wakening barnyards. There's work to be done...and women are vitally needed to do their share.

You'll do your job better if you're dressed for it...right from the skin! Clean-lined, stream-lined underwear...

Munsingwear! Designed for active work. Comfortable... with its lasting shape knitted into the luxuriously soft fabrics.

For Winter, wear warm Munsingwear. Slim-fitting sheaths of protection; sweet, cozy gowns and pajamas. Perhaps you won't find every style, because Uncle Sam has us working for him, too. But you'll find plenty at better stores... and all with Munsingwear's label of quality.

MUNSINGWEAR

REG. U. S. PAT. OFF.

WOMEN ARE NEEDED FOR WAR PRODUCTION AND NECESSARY CIVILIAN SERVICE
APPLY TO LOCAL UNITED STATES EMPLOYMENT SERVICE FOR INFORMATION

ARUNDEL ISLAND (continued)

the PT boat attack. After that there was never a day that the little Nips didn't get within 100 yards of me. Later in the day on which I found the dead Jap, a patrol discovered his rifled body, so that night they quietly put out five men to find me. I spotted them a quarter of a mile away and retired to my own camp. They came closer and, although I could have slipped around them and away if I'd wanted to, the opportunity presented too many possibilities. Also, my camp had too many advantages and I didn't want them to find it.

The Japs apparently felt they were too small a group to go traipsing around alone in woods where they didn't know but what there might be Americans. Anyway, they bunched together, and I stood on the edge of my fort, unseen, and waited for them.

About 30 yards from me there were two thickets of vicious thorn bushes about six feet apart. A shaft of moonlight lit up the spot between them like a searchlight. When the five little Nips got there, I lobbed a nice 30-yard pass with one of the grenades. It landed right in the middle of the group and made mincemeat, not only of the Japs, but also of most of their equipment, including, unfortunately, their rifles.

As soon as I tossed the grenade, I rolled over into my fort. Then, when I was sure they all were dead, I slipped out and retired to my banyan-tree fort back in the woods, because I thought there might be another patrol around and I couldn't afford another brush with the enemy with only one grenade left.

The next morning I went back to my battleground and gathered certain insignia and other material from the bodies of the dead Japs which I knew would be valuable to our Intelligence. I also picked up what undamaged equipment I could find, including six grenades and five more cans of that precious, horrible meat. Then I buried the Nips, leveled the ground and put plants back on top. Two days later it would have been impossible to find the spot.

I become a guerrilla

By that time, because of the rifled body and the disappearance of the patrol, the Nips knew there must be someone on the island. They made various small attempts to get me, but I managed to stay clear of them. Other dead Japs drifted ashore during the next few days and, despite the patrols, I risked discovery every day to go to the beach to look for them. Sometimes I had to use a clip from a Jap gas mask on my nose in order to rifle the awful smelling, rotting bodies, but I found more personal effects as well as grenades and that canned meat.

I now had quite a supply of Jap grenades and, although they don't make an ideal offensive weapon for one man, I thought I might be able to put another spoke in the Japs' wheel. Every night, after the PT boat attack, the Japs posted machine-gun squads in the thickets along the Sound. Also, nearly every night, our reconnaissance bombers flew low up the Sound, drawing fire from Jap positions and occasionally dropping fragmentation bombs. I determined to use the combination of circumstances to throw a good scare into the Japs and see if I couldn't do some damage too.

On Aug. 7, shortly before dark, I slipped through the jungle carrying a holder full of grenades. I took up a position in the jungle from which I could watch the beach and waited for the Japs. In a short while a small boat landed a machine-gun party and their weapon. They set it up in a thicket where they couldn't be seen from the water, but from which they could pour a stream of bullets into any of our PT boats that might come up the Sound.

I watched them for several hours that night and scouted their position again on the following two nights. When I was sure the machine gun was located in the same place every night, I cleared a path to within 35 or 40 yards of the nest so I could get within grenade-throwing range without making any noise.

By nightfall of the 10th I was ready for them. I sneaked up my path, got into position before the boat put the machine gunners ashore, and waited. Finally, about midnight, an American reconnaissance plane came along. Just as it got near the machine-gun nest, I rose up and heaved three grenades, one after another, into their position.

In the morning, after the boats from Vila picked up the machine gunners stationed at several points along the coast, I carefully reconnoitered the area to make sure they hadn't left someone ashore to investigate my attack. Then I stole up to the place where the machine-gun nest had been. There were no bodies there, but I could tell from the blood and damaged equipment I found that I had gotten at least some of the little Nips.

CONTINUED ON PAGE 24



ROBERTA BOSWORTH HAS GLOWING, ELECTRIC BEAUTY... eyes of sparkling blue, a complexion charmingly clear and fresh. "Pond's Cold Cream is my pet beauty help," she says.

NAVAL OFFICER'S FIANCÉE—ROBERTA BOSWORTH of Highland Park, Illinois—engaged to Lt. E. Gardner Counselman of Evanston. She is the daughter of Dr. and Mrs. Robert R. Bosworth, prominent North Shore Chicagoans.

HER RING—a beautiful 2-carat solitaire, with a baguette diamond on either side. The setting is platinum.

*P*LAN CHANGE quick as a telegraph message these wartime days. Roberta's wedding invitations were engraved, her bridesmaids' dresses ordered, her wedding dress ready—then her fiancé was ordered to report for immediate sea duty!

"He won't get a leave for several months," she told us, "so it will be a winter wedding instead of the June one we expected."

Like so many lovely engaged girls, Roberta counts on Pond's Cold Cream to keep her complexion fresh and soft, with that beautifully cared for look that adds so much to a girl's appeal.

"There's something about Pond's Cold Cream that agrees especially well with my skin," she says. "It's such a soft, such a smooth cream, and it's extra grand for cleansing, I think."

PREPARING FOR WARTIME SCOUT DUTY—Roberta is learning to be a pilot in Chicago's Civil Air Patrol—one of hundreds of girls earnestly training to supply woman-power for the air force.

☆

OFFICIAL WAR MESSAGE—Women workers are urgently needed now—in plants, in stores, restaurants, utilities, laundries, community services. You can help! Check local Help Wanted ads—then get advice from the local U. S. Employment Service.



SHE'S ENGAGED!

She's Lovely! She uses Pond's!



Today—many more women use Pond's than any other face cream at any price

COPY ROBERTA'S DAILY POND'S BEAUTY CARE
First—she smooths Pond's Cold Cream all over her face and throat. Pats briskly to soften and release dirt and make-up. Tissues off well.

Second—she "rinses" with more snowy-soft Pond's, whirling her white-tipped fingers around in little spirals. This second creaming makes her skin feel extra soft and clean she says. Then, she tissues off again.

Give your face a delightful twice-over creaming with Pond's—every night and every morning—for in-between clean-ups, too. You'll see why it's no accident engaged girls like Roberta, society beauties like exquisite Mrs. Anthony J. Drexel, III and Katharine Mellon love this soft-smooth face cream. Get your jar of Pond's Cold Cream today!



Pretty Special!

The man with

Pipe Appeal

WOMEN have an extra smile for the man who smokes a pipe. Keep 'em smiling! Follow through with real PIPE APPEAL—Prince Albert's fragrance, bland aroma. And favor yourself with P. A.'s mellow no-bite mildness—its free-drawing crimp cut. Relish the rich taste that comes through so mellow, so easy on your tongue. Prince Albert outsells every other smoking tobacco—it's the brand for all-out PIPE APPEAL! No other tobacco like it.



PRINCE ALBERT

THE NATIONAL JOY SMOKE

B. J. Reynolds Tobacco Co.
Winston-Salem, N. C.

50 pipefuls of fragrant tobacco in every handy pocket package of Prince Albert

70 fine roll-your-own cigarettes in every handy pocket package of Prince Albert



Try P.A. for
MILDNESS
and that
choice tobacco
RICHNESS!

ARUNDEL ISLAND (continued)

I repeated the performance on Aug. 12 and 14, and each time evidence at the scene of the attack indicated that my old passing act still was fairly accurate.

The daylight hours in this period I spent dodging Japs—and I had some close calls, too—looking for planes and working on a raft which I started to build from wrecked Jap small boats which drifted up on the beach. I ran the risk of being spotted daily in my beachcombing and watching for American planes, but I felt I always could slip away from the Japs in the jungle if they saw me. On the morning of August 16 I was awakened about 8 a.m. by the sound of a low-flying plane. I identified it as an American Avenger torpedo bomber so I grabbed a little Jap towel I had found and made my greatest speed—a half-trot—to the salt flat. The American—I learned later he was 1st Lieut. James R. Turner, U. S. M. C. R., of Tyler, Texas—was flying low and, as he came by, I was able to attract his attention. At first he thought I was a Jap and he told me later he had headed for me to cut me down. Then he recognized me as a white man by my red beard and shining forehead.

An hour later I heard a plane returning. I waited hopefully and expectantly and a little bit fearfully until it came into view over the trees. It was a small American seaplane known as a "duck," and I knew then it was no mistake and that they were coming for me. My emotions were beyond description. I jumped up and waved frantically and I guess I yelled my head off.

In order to land in front of my beach, the duck had to fly within 2,000 yards of Vila Plantation, the Jap base on Kolombangara, and circle in easy view and range of the Nips; but the crew of that plane, composed of absolutely fearless men, didn't hesitate an instant, although they had little speed and armament. I started to wade out toward them, but they saw immediately that I was too weak to get beyond the reef. They waved me back, calling that they would inflate their rubber boat and come after me.

I hustled back to camp to gather as much of my Jap gear as I could carry and the insignia and other material I had taken off dead Japs for our Intelligence. By the time I got back to the beach Major Vernon A. Peterson, U. S. M. C. R. of Minneapolis, who was in command of the rescue party, had inflated the boat, and I waded out to the reef where he met me. I told him the Jap equipment I had was valuable, so he loaded it into the boat and took it out to the plane, then came back for me. We paddled back to the plane and crawled into the bottom while Master Sgt. John J. Happer, U. S. M. C. R., of Kansas City, Mo., cranked her up and Major Goodwin R. Luck, U. S. M. C. R., of Minneapolis, the pilot, prepared to take off.

Peterson, realizing that my condition might not be too good, had ordered a conveyance to stand by to take me to the hospital as soon as we landed at Munda. The first thing I asked for was a cigaret, and I was given a whole pack. Then I wanted food. We had returned to Munda in time for lunch that day, Aug. 16, and it was my first real meal since the night of July 4. I had lost 40 pounds during the 43 days I was missing, but I started then and there to get it back and I've been a "chow hound" ever since.

I stayed at Munda, living in foxholes under shelling and bombing, for two more days in order to make a complete report on the information I had obtained to Army and Marine Intelligence officers on the spot so it could be acted upon immediately. I'm glad to say that some of it enabled us to send a few more of those dirty sons of heaven to the place where they belong.



Forty-three days after he was lost, he staggered out to meet his rescuers. Navy "duck" seaplane braved enemy fire from Kolombangara and Vila, flew him back to Munda

"Ten SHUN! Here's how you can get up to
**10% More Miles from
 Your Gas Ration!"**



**THOUSANDS FIND IT PAYS TO
 WINTERPROOF THEIR CARS**
—At the Sign of Friendly Service!



- Yes, Winterproof Service *actually* can stretch your gas ration this winter—and protect your irreplaceable car against damage and wear as well!
- With clean, free-flowing Mobiloil Arctic in your crankcase—plus an expert check-up of tires, battery, plugs, oil filter—your Winterproofed car can save you as much as a cupful of gasoline on every cold start, *deliver up to 10% more miles from every gallon of gas!*

SAVED!



**As much as a
 Cupful of Gas on
 every Cold Start!**

- These savings alone are worth every penny you pay for a Mobilgas Dealer's Winterproof job... in addition, your radiator, gears and chassis are safeguarded against costly wear and repairs. To keep your car out of the repair shop this winter—delivering most miles per gallon—see your Mobilgas Dealer and WINTERPROOF, NOW!

SOCONY-VACUUM OIL CO., INC., and Affiliates:
 Magnolia Petroleum Co., General Petroleum Corporation of California

TUNE IN RAYMOND CREAM SWING—Blue Network, Coast-to-Coast 10 P.M., E.W.T., Mon. Tues. Wed. Thurs.

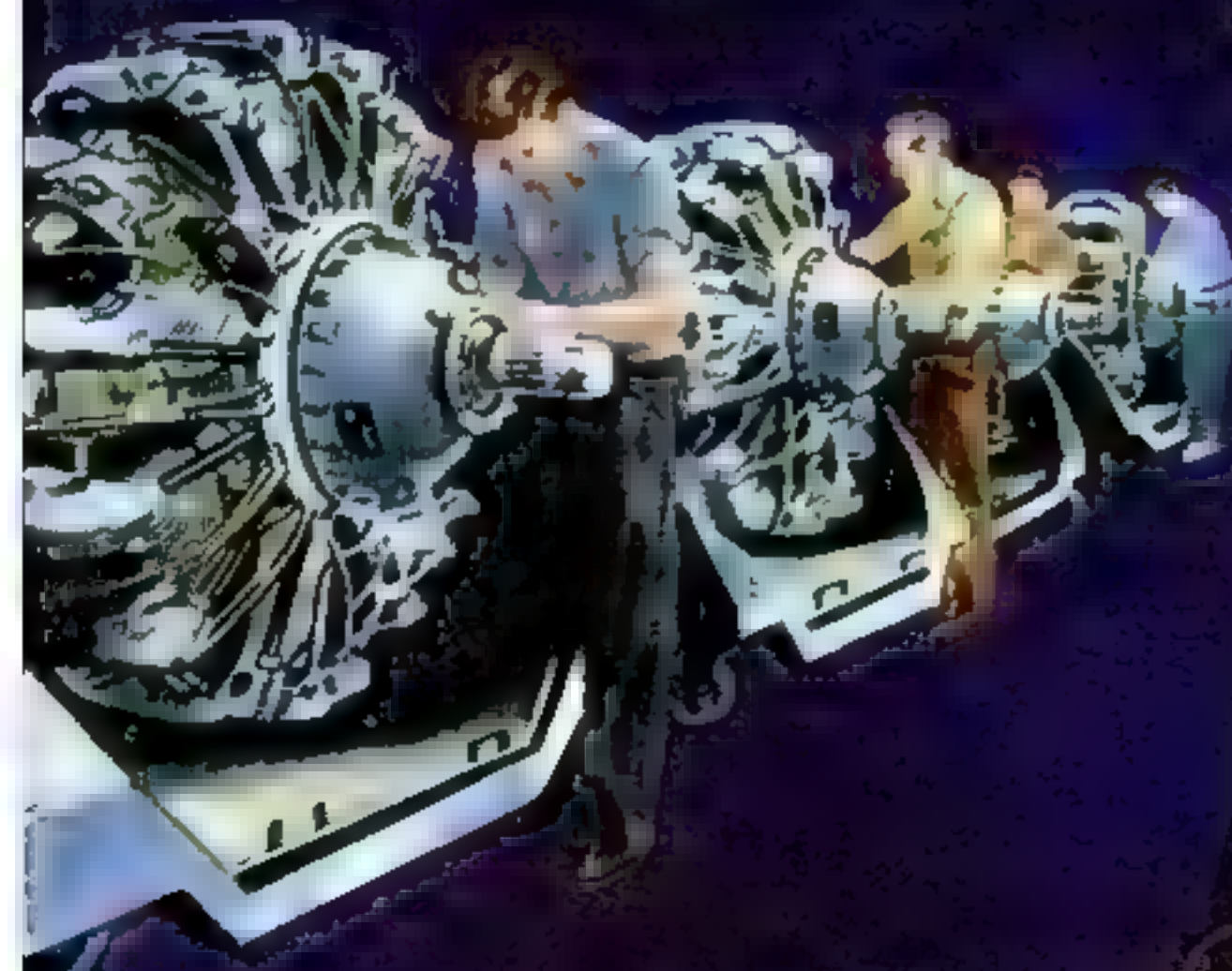
"WE'RE WORKING —just as America's Armed Forces TO WIN THE WAR"



Two Types of Pratt & Whitney Aircraft Engines, One for B-24 Liberator Bombers and One for C-47 and C-53 Cargo Planes.

It takes teamwork to win wars; and Chevrolet is a willing teamworker with America's armed forces and with other war producers in this greatest of all world conflicts. . . . Our role in America's war effort is twofold. . . . We are a major producer —building Pratt & Whitney aircraft engines, anti-aircraft guns, high-explosive and armor-piercing shells, aluminum and steel forgings, iron and magnesium castings, military trucks and other products

CHEVROLET DIVISION OF GENERAL MOTORS



Millions of Pounds of Aluminum Forgings Every Month



Magnesium Castings for Aircraft Engines



NG TOGETHER

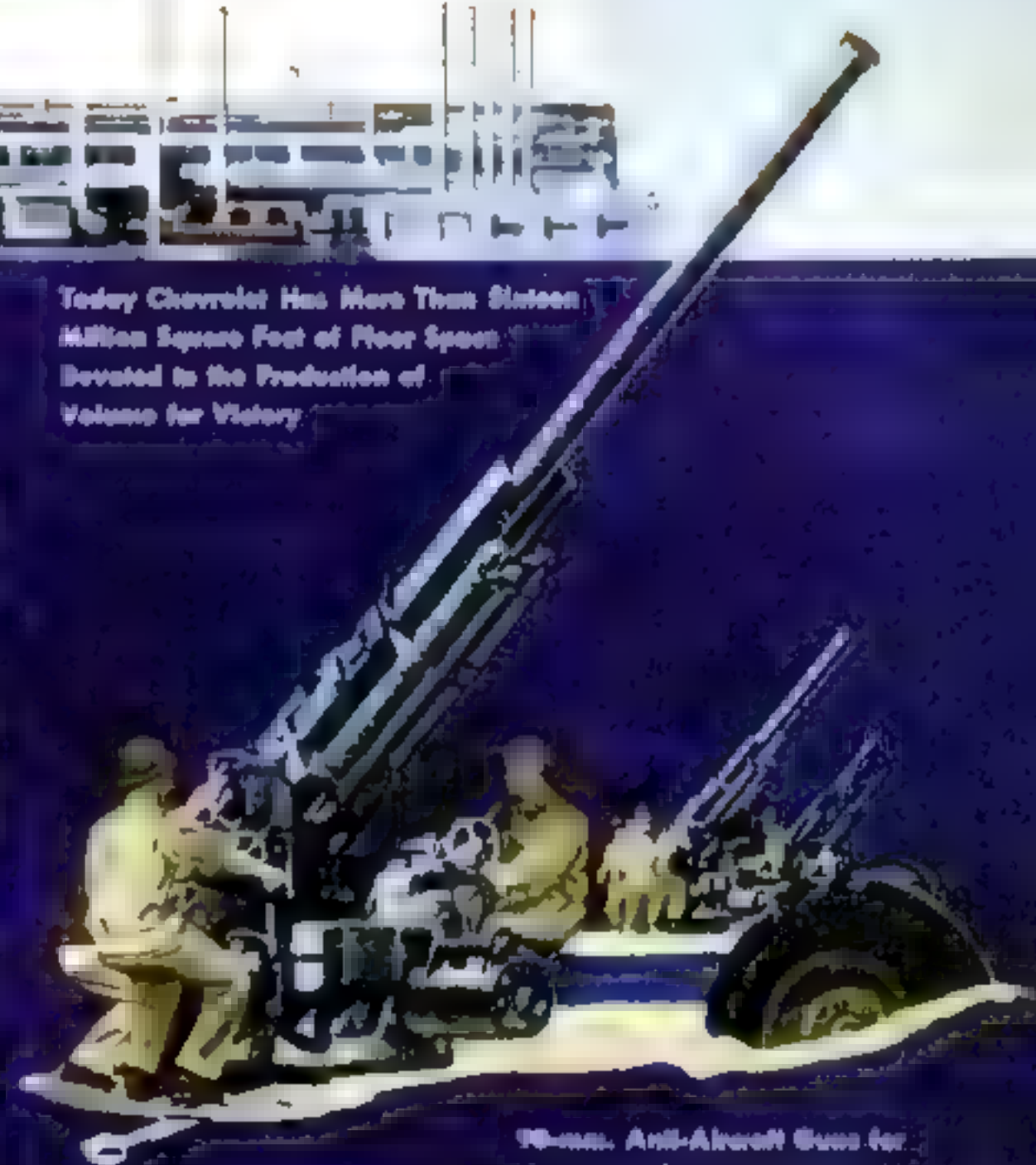
forces are Fighting Together—

THIS WAR!"



for our fighting men. . . . And we are also a major supplier for other war contractors—making vital parts by the million for more than 120 other important war producers. . . . America's industrial leaders are working together and winning the battle of production, just as America's armed forces are fighting together and winning battles in the field. Chevrolet is proud to be playing its full part by serving as major producer and major supplier too.

Today Chevrolet Has More Than Sixteen Million Square Feet of Floor Space Devoted to the Production of Volume for Victory



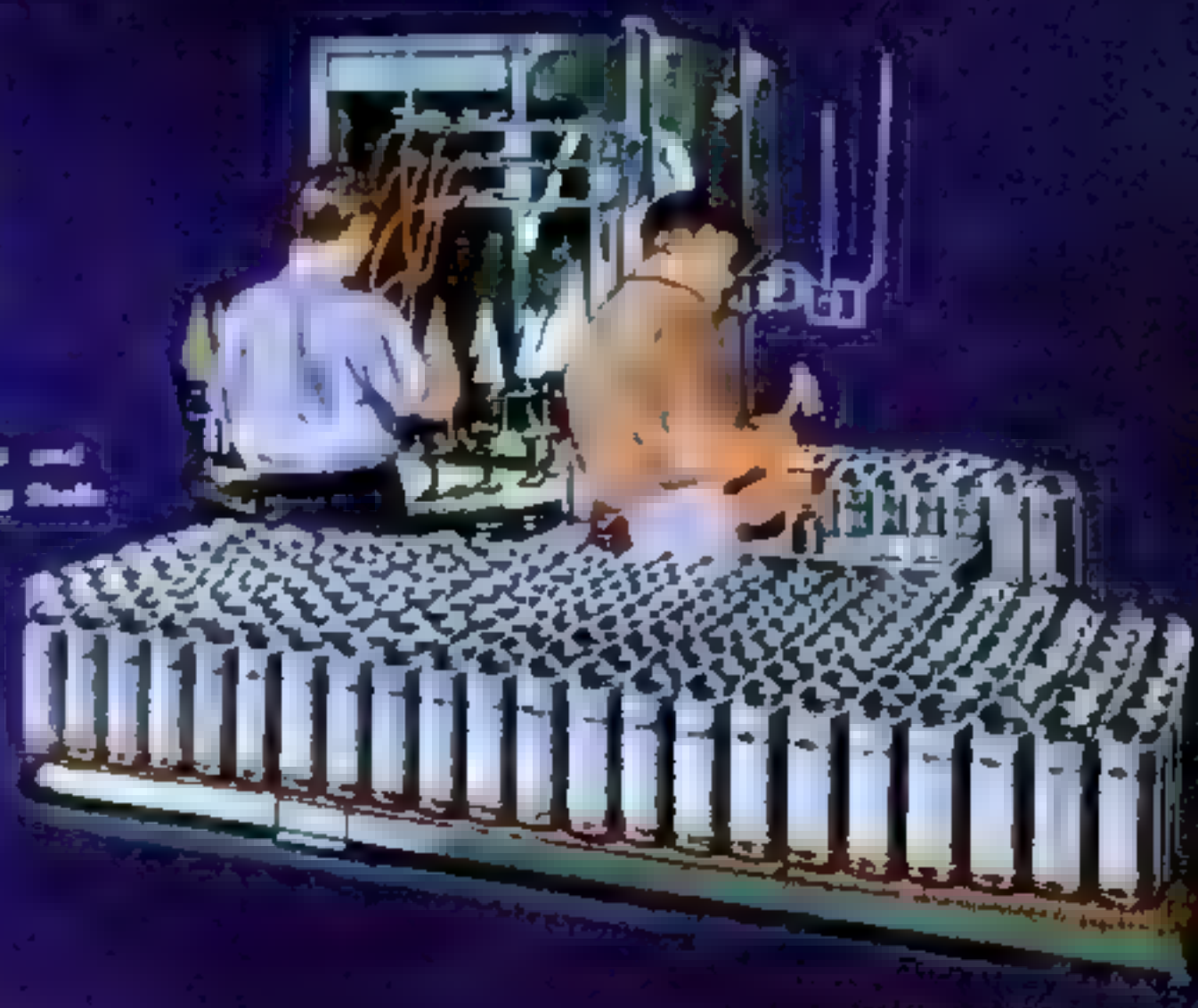
70-mm. Anti-Aircraft Guns for America's Armed Forces

GENERAL MOTORS



Thousands Upon Thousands of Military Trucks

High-Explosive and Armor-Piercing Shells



"Grind that crank, Sailor—

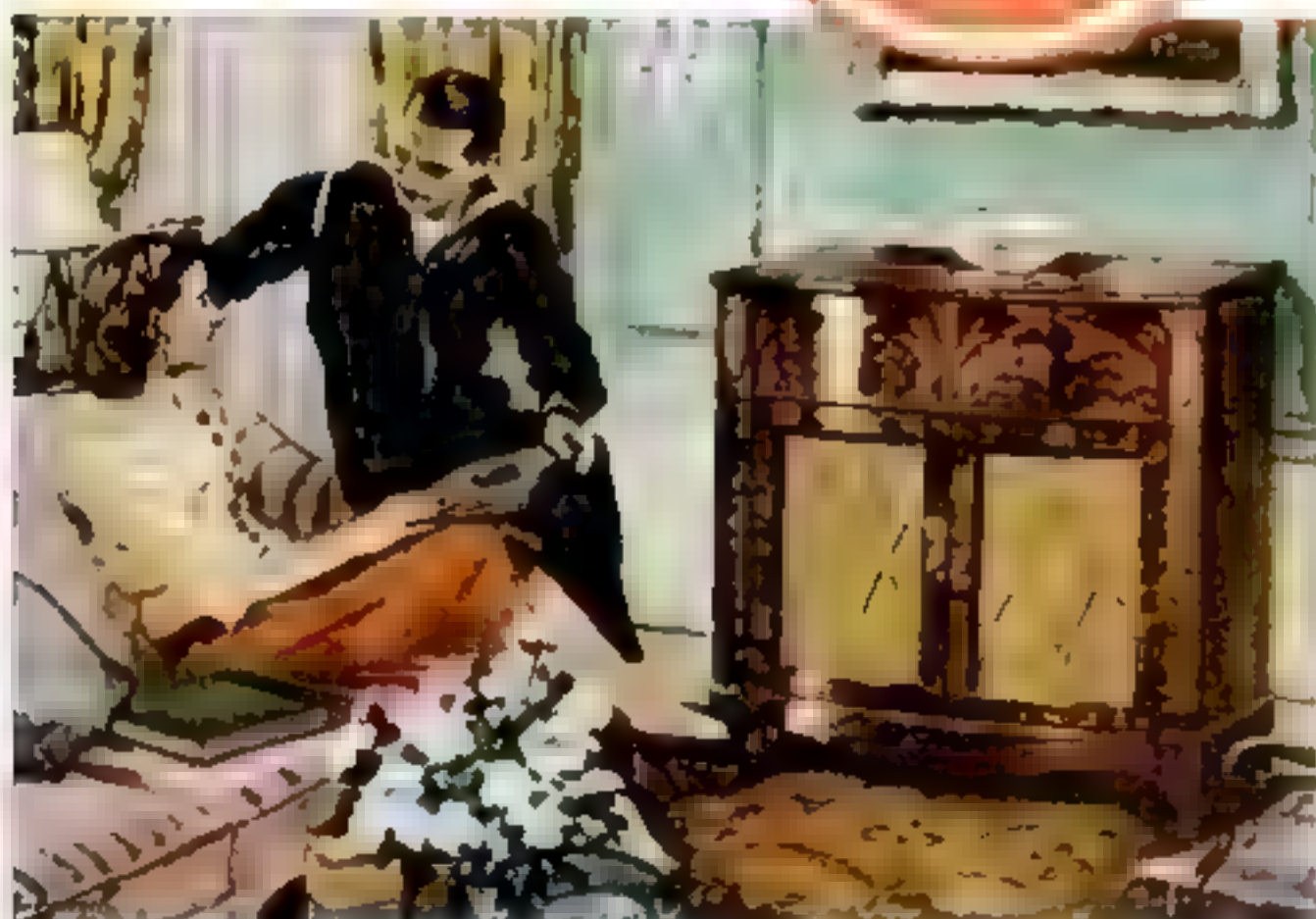
THAT RADIO IS OUR ONE HOPE OF GETTING BACK ALIVE!"



The fine RCA radio-phonograph shown below was one of the last produced before we went "all out" in war work. RCA production drove to "Beat the Promise" for Uncle Sam began fourteen months before Pearl Harbor.



**24 hours a day—on every front—
RCA Radio is "on the job"—saving lives
and helping to win battles**



● "U. S. sailors rescued at sea!" Behind those thrilling words you will often find the amazing little RCA marine radio sending and receiving set. Standard equipment on many lifeboats, crank operation generates the power to send SOS messages out across the ocean. Morse code and even telephone messages may be sent and received on this marvelous life-saving "radio station"—created by RCA.

The same skill that made RCA radios and radio-phonographs the standard of fine performance before the war is proving itself on battlefronts all over the world. And

the things RCA is learning today cannot but make your post-war RCA radio, phonograph or television set greater than ever.

TUNE IN RCA's great new show, "WHAT'S NEW?" Full hour every Saturday night, 7 to 8, EWT, Blue Network. Thrilling—don't miss it!

**Uncle Sam says—
"Stay on YOUR job!"**

Desperate men depending for their lives on radio equipment know how important it is to "stay on the job." Uncle Sam needs your time in war work. Every minute counts!



RADIO CORPORATION OF AMERICA

RCA VICTOR DIVISION • CAMDEN, N. J.



IN A MELANESIAN LOVE-RITUAL DANCE, DERIVED FROM HER SCHOLARLY RESEARCHES, KATHERINE DUNHAM STANDS ON HER TOES, POISES HER HANDS AND WIGGLES GRACEFULLY

DUNHAM DANCES

A scholarly Negro Master of Arts
wows Broadway with a sizzling show

The advance notices that preceded the Katherine Dunham dancers into a Broadway theater in September made much of fact that Miss Dunham was a Master of Arts who had been awarded a Rosenwald Fellowship to do research in primitive dancing. This promised a solemn show. But when Dunham danced out on opening night, all fear of solemnity melted.

It turned out that her research had led Miss Dunham, who is a very attractive Negro girl, to the conclusion that primitive dancing was basically the familiar

"bumps and grinds" routine. Dunham and dancers did Haitian love rituals, Melanesian death rituals, Brazilian sambas, Cuban rumbas, American shaminics. All were characterized by swivelings, wriggings and pushings which, though hot, were also high brow. Much of the dancing was genuine primitive art translated with a shrewd sense of theater. Critics described the performance with the warmest words they knew—such as "torrid," "sizzling" and the two-week engagement stretched to a highly successful nine-week run.

HOW TO MAKE A GOOD THING LAST



Maybe you're one of the lucky 4 million men—there are nearly 4 million of them!—who own Schick Electric Shavers.

We hope so, because our factory is now doing nothing but war work and there'll be no more new Schicks built for the duration.

And if you are a Schick regular, maybe you've wondered what would happen if you were to damage your precious shaver.

Mister, we want you to know you'll be taken care of. For, we built up a backlog of renewal parts for that very purpose.

At all of the offices listed below

they've got a supply of genuine Schick renewal parts—as well as experts who know their business. You can get a new 2-M Hollow-Ground Shearing Head for only \$3.00.* And all repair work is done at most reasonable cost. Simply mail or take your shaver in.

Meanwhile, give your Schick the care it deserves—it's too good a thing to take chances with. And, just to be on the safe side, we suggest you take it in for a check-up job of cleaning, adjusting and lubricating. The charge is trifling!

SCHICK INCORPORATED, Stamford, Conn., U. S. A.

For the duration you'll want to keep your Schick Shaver in shipshape condition. Expert service and genuine Schick renewal parts—including the new 2-M Hollow-Ground Shearing Head—are available through Schick Service, Inc., at all of their offices listed below. Careful attention given to shavers mailed to these offices.

- | | | | |
|--|---|---|---|
| ALBANY
934 Natl. Sav. B'k Bldg. | DALLAS
611 Southland Life Bldg. | MILWAUKEE
100 W. Wisconsin Ave. | PROVIDENCE
596 Turks Head Bldg. |
| ATLANTA
415 B. Lee-Haverty Bldg. | DENVER
511 Columbia Bldg. | MINNEAPOLIS
612 Ave. des Arts Bldg. | ROCHESTER, N. Y.
765 Temple Bldg. |
| BALTIMORE
111 N. Charles St. | DES MOINES
113 Fleming Bldg. | NEW YORK
17 East 42nd St. | ST. LOUIS
23 Mezzanine, Arcade Bldg. |
| BOSTON
100 Union C. of C. Bldg. | DETROIT
218 Industrial B'k Bldg. | NEWARK, N. J.
810 Raymond Com. Bldg. | SAN FRANCISCO
787 Monadnock Bldg. |
| BROOKLYN
1207 Park Bldg. | HARTFORD, CONN.
1203 American Ins. Co. Bldg. | OKLAHOMA CITY
216 High Tower Bldg. | SEATTLE
701 Republic Bldg. |
| BUFFALO
634 Brisbane Bldg. | HOUSTON
511 Shepley Bldg. | OMAHA
547 Omaha Natl. B'k Bldg. | WASHINGTON, D. C.
221 Bond Bldg. |
| CHICAGO
222 Palmer House | INDIANAPOLIS
703 Merchants B'k Bldg. | PHILADELPHIA
212 Chestnut St. | |
| CINCINNATI
814 Schmidt Bldg. | KANSAS CITY, MO.
710 E. 10th St. Bldg. | PITTSBURGH
508 Investment Bldg. | |
| CLEVELAND
9 Union Com. Bldg. Arcade | LOS ANGELES
131 South Spring St. | PORTLAND, ME.
210 Bank of Com. Bldg. | |
| COLUMBIA, S. C.
1200 Dege Bldg. | MIAMI
129 Shoreland Arcade | | |

*Slightly higher in Canada

SCHICK **SCHICK** **SHAVES**

TO HASTEN VICTORY—BUY MORE WAR BONDS AND STAMPS



Cigar in mouth and bird cage on head, Dunham prances scantily through a rumba number called "Shore Excursion." Dunham heads a large, very excitable group of



Negro dancers, some of whom are hotter but none prettier than she. She conceives and directs the numbers, puts them together in two-hour show called *Tropical Revue*.

CONTINUED ON NEXT PAGE

Has grown old
gracefully
and with
distinction



12
YEARS OLD

8
YEARS OLD

Haig & Haig

*The Oldest name in Scotch
— has satisfied millions for 316 years*

BLENDED SCOTS WHISKY 86.6 PROOF • SOMERSET IMPORTERS, L.L., NEW YORK

"WHERE DID IT GO-GO-GO:
WHERE DID MY BENDIX 'WASHER'
GO-GO-GO-GO-GO?"



IT IS DO-ING WASH FOR
BOYS WHO'VE GONE OFF TO WAR
SO LET IT GO-GO-GO!"



"I tried to buy a Bendix Automatic Home Laundry shortly after war began, but my dealer was sold out and the factory had converted to 100% war production.

"So I didn't get one. And I felt pretty low about it till I learned that many a Bendix was serving boys in service. And that the one I might have bought—had I only asked earlier—was probably 'in uniform'.

"Maybe it went in the Army. Or out to sea with the Fleet. Or it could be one of the 33 I've heard of at the Coast Guard Training Station, Manhattan Beach, New York—washing, rinsing

and damp-drying at the turn of a single dial for boys to whom wash-day ease and freedom mean even more than they could ever mean to me.

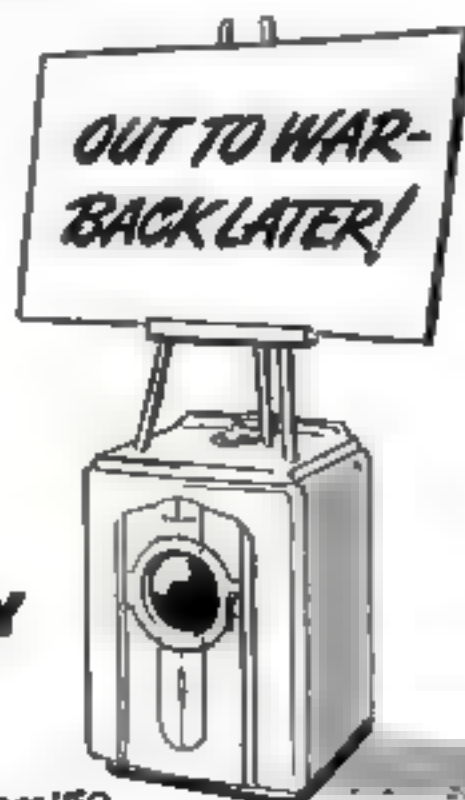
"So here's how I look at it: if the Bendix I couldn't buy is serving Uncle Sam, then the dollars I couldn't spend for it should be 'in service', too.

"They are. I bought WAR BONDS with them—extra War Bonds over and above our regular payday purchase. Wouldn't it be a perfectly swell idea for all the families that would be buying Bendix Automatic Home Laundries—if they could get them now—to buy extra War Bonds, too!"

★ TO MORE THAN 300,000 BENDIX OWNERS:

If your Bendix should need repair or servicing, call an authorized Bendix Automatic Home Laundry dealer or serviceman listed in the classified section of your phone book, or write BENDIX HOME APPLIANCES, INC., South Bend, Ind. The People who Pioneered and Perfected the Automatic "Washer."

BENDIX
AUTOMATIC HOME LAUNDRY



This advertisement does not imply endorsement of our product by the Army, Navy or USO

Dunham Dances (continued)



IN AMERICAN ACT, DUNHAM AND CHARDIENS DO FLORIDA EAST-COAST SHIMMY



DUNHAM'S TIGHT SKIRT DOESN'T INHIBIT ENERGETIC BARREL-HOUSE ANTICS



SHIMMY CLIMAX COMES WHEN DUNHAM, CHARDIENS BACK UP, BUMP RUMPS



For the duration, you're going to have to be more self-reliant about your baby's precious welfare—almost from the moment your overworked, war-busy doctor places him in your arms.

IN WARTIME ESPECIALLY—HE'S YOURS TO CARE FOR

IN THESE WARTIME DAYS, it will be your special pride and satisfaction to see that your baby grows up strong and well and healthy—with as little burden on our overloaded medical services as possible.

His greatest danger—the "other fellow's cold"

What is just an ordinary cold for an older child or for an adult may be really serious when it is passed on to your little baby. The great majority of fatal illnesses of infants and young children are caused by respiratory infections and their resulting complications.

The best way to protect your baby from the "other fellow's" cold—is to see that *absolutely no one* with any kind of cold or nasal irritation is ever allowed in his room. But what if you get a cold?

What if you are ill and the baby's grandmother has to help—and she has a cold?

Insist on a protective mask

Where it is impossible to keep your baby isolated from a person with a cold—you should insist on a protective mask. Wear it, if you have a cold, whenever you nurse or bathe or do anything for your baby... and see that anyone else with a cold who has to be with your baby—does the same.

Easy to make of tissue

If you do not have a supply of standard hospital masks on hand, you can quickly make an emergency mask of tissue yourself. Simply take two thicknesses of ScotTissue, cover the nose and mouth and secure at the back of the head with an ordinary pin.

Clinical tests show that two thicknesses of ScotTissue effectively trap the germs and greatly lessen the danger of contagion.

No other single duty to your child is more important than the prevention of respiratory infection.

Soft, Strong Bathroom Tissue for Baby and Family

The correct choice of a toilet tissue for your child is important, too. It should be soft enough for comfort yet strong enough for thorough cleansing. ScotTissue has both these qualities... you will find it is soft and "nice" to use even against the face as an emergency mask. And with 1000 sheets to every roll, it is also an economical tissue for the whole family.



● A ScotTissue emergency mask—shown above—has two practical merits. It is used only once and is instantly disposable. If you stick to the "Mask For a Cold" Rule your family and friends will soon get used to it. When you explain its importance they cannot object.

FREE—write for 32-page booklet "Helpful Wartime Suggestions on Mother & Baby Care." Authoritative information on Supplies for Emergency Use, Rest After Birth, Advantages of Nursing Your Baby, Use of the Mask, Time-Saving Schedules, Bathroom Habits. Address the Scott Paper Co., Dept. 41, Chester, Pa. Trademark "ScotTissue" Reg. U.S. Pat. Off.



POWERFUL NEW TANK RECOVERY UNIT PULLS A GENERAL SHERMAN TANK THROUGH A DUSTY WASHINGTON TESTING GROUND. CONSISTING OF TRUCK AND TRAILER, IT CAN BE USED

TANK RECOVERY UNIT

New truck rescues wrecked tanks from battleground

The early desert battles in which tanks met by day and withdrew at nightfall leaving the damaged behind, taught the Allies a costly lesson. For the Germans had built vehicles which came out to retrieve the immobile tanks, repair them and send them back to battle the next day. The Allies had few such vehicles and consequently lost many repairable tanks. Today, however, the U. S. Army has such tank recovery units, one type of which is being built by the Pacific Car & Foundry Co.

Called the M25, the truck and trailer unit is one of the most powerful pieces of automotive equipment ever built. The cab is made of armor plate and will hold a seven-man crew. It contains tools, welding outfits, a supply of food, water and a stove so the men can live on their own for days. Housed in the cab is a 400-h. p. engine, an adaption of the kind used in PT boats. A complicated transmission system drives axles which have 900-lb. wheels. With the trailer, the unit is 38 ft. long and it can transport a General Sherman tank at a top speed of 29 m. p. h. The unit, which was designed on the model of a dump truck specially built for use in the construction of Washington's Mud Mountain Dam, will go up or down 50% slopes, through sand or underbrush, steering as easily as a passenger car on a smooth road.



Tank is pulled on to the long trailer by heavy winches powered by a mid-frame transmission. A forward winch, run by same transmission, is used to pull unit out of mire if it gets stuck.



TO CARRY TANKS INTO BATTLE IN ADDITION TO REMOVING THEM FOR REPAIR



General Sherman tank is dragged out of a deep hole up to the trailer's parallel ramps. The unit can pull tanks out of mud or loose dirt and carry 40 tons with no trouble.

CONTINUED ON NEXT PAGE

JOIN The Quality Club



Join the men who buy quality—because quality is the best buy. These Manhattan shirts have a look and feel to them that say “quality” instantly. You’ll marvel at the way the collar graces your neck and the Man-formed tailoring flatters your figure. Elect yourself to the quality club—get some of these shirts today.



Manhattan SHIRTS

If you have any difficulty obtaining Manhattan Shirts, please be patient. Inquire at your favorite store again; shipments are made frequently.



"WHEN I COME up from Rio to visit my rich uncle, I say to him: 'You now have fifty years of age, no? Yet you look so young, like my fiance, how?' And he say something about Barbasol and how she make the face so nice and smooth. 'How you call it, a Barbasol Face? Yes? Bueno!'"



SLICK AS A WHISTLE: That's how whiskers come off, when a scalpel-sharp Barbasol blade whizzes through a Barbasol-softened beard. No brush, no lather, no rub-in—Barbasol means brushless—soothing to tender skin—the quickest, cleanest, easiest shave you ever had. Get Barbasol—and get yourself a smoother, younger-looking Barbasol Face. Tube or jar: Large size, 25¢; giant size, 50¢; family size, 75¢.



For modern shaving—No Brush—No Lather—No Rub in

BARBASOL BLADES
5 FOR 10¢—15 FOR 25¢

Tank Recovery Unit (continued)



Tank recovery unit begins to pull tank after cables have been secured. The transmission system for this work is operated by gear shift lever located in the armored cab.

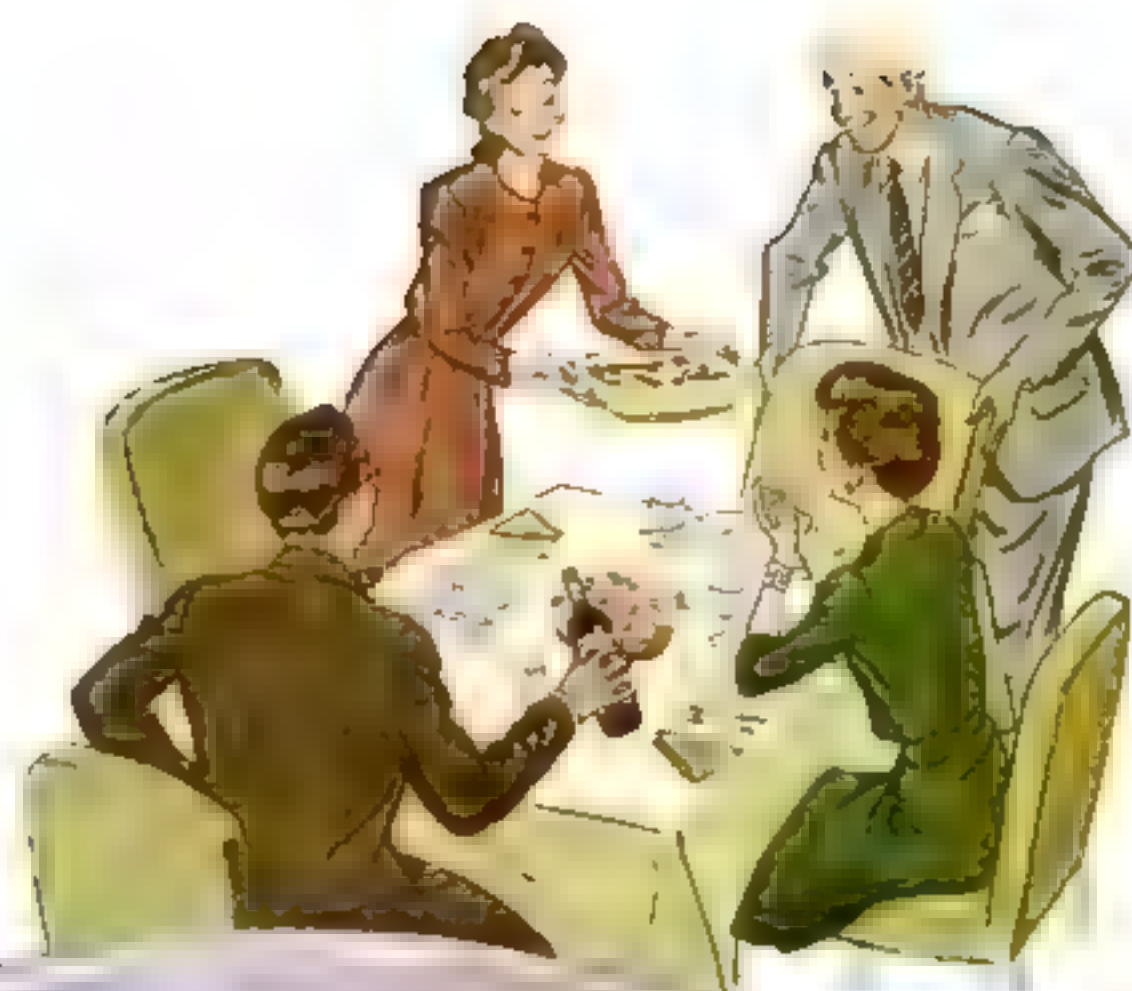


Tank heads up ramps as winches continue to roll up cable. Once loaded, unit can go forward through any terrain at twelve separate speeds or in reverse at three speeds.



Loading is almost completed. When the tank is run up in position, the two ramps fold up vertically behind it and can be dropped quickly to enable a tank to run off.

We all need the company of good friends these days, so keep on asking folks over to dinner. You can do it more often by serving low-ration-point meals... brightened with moderate glasses of wine



Oxtail Stew your victory garden can contribute to—Have 2 oxtails cut into joints. Brown in $\frac{1}{4}$ cup fat. Add salt and pepper, a bay leaf, 2 cups water and 1 cup California Burgundy wine; simmer 3 to 4 hours, or until tender. Add 8 small onions, $\frac{1}{2}$ cup sliced celery, 6 or 8 carrots diced; cook 20 to 30 minutes longer. Take up meat and vegetables, skim fat and thicken gravy with flour-and-water paste. Serves 6.

WINE changes war dishes into "food for kings"

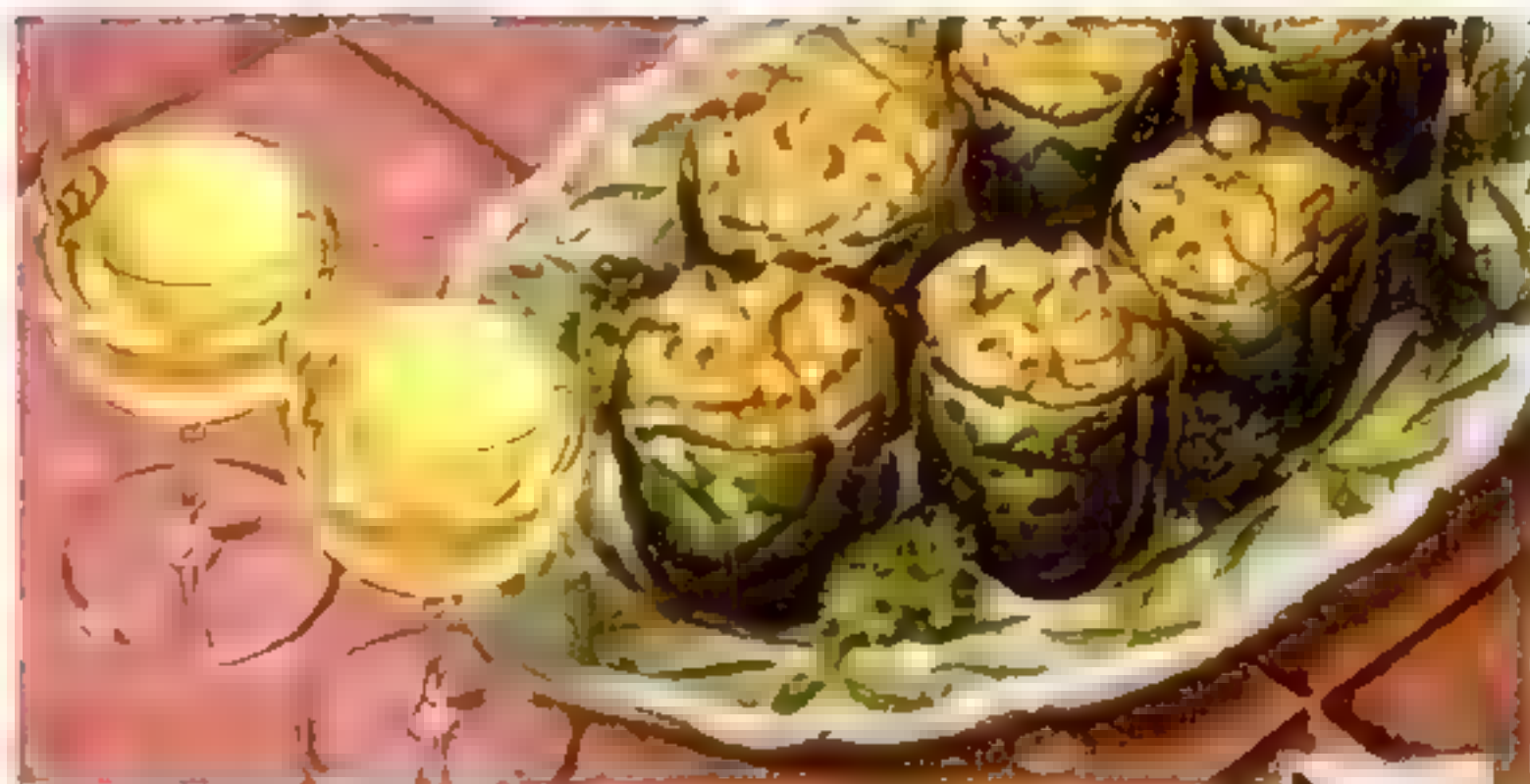
THE DAY'S TENSION seems to ease off when folks we're fond of come to dinner. Over food and friendly talk we can't help relaxing... the very *sharing* of good food refreshes us.

You'll find you need use but few ration points to turn out war-time dishes your friends enjoy, for out of the emergency of war have come many excellent low-ration-point recipes. We used two of the best of them to make the dishes pictured here.

Each of these main dishes boasts a special touch from wine used in the cooking. Note, too, each dish is served with moderate glasses of the same wine the recipe calls for... that's for good cheer.

We invite you to try these wholesome war dishes and to serve glasses of California wine along with them. For new **FREE** booklet containing 75 interesting wartime recipes, write to the Wine Advisory Board, 85 Second Street, San Francisco.

● If your wine merchant or restaurateur hasn't your favorite wine type, let him suggest another California wine... it's your opportunity to become acquainted with some of the many other excellent types



Macaroni Stuffed Peppers with white wine—Remove seeds and veins from 6 medium-sized green peppers; use parboiled 15 minutes in boiling salted water. Drain, place in baking pan and mix with mixture of 2 cups cooked short-length macaroni, 1 cup diced cheese, 1 cup diced fresh tomatoes, 1 cup bread or cracker crumbs, 1 small onion minced, 1 tsp salt, 1 tsp sugar, dash paprika, few grains of cayenne and $\frac{1}{2}$ cup California Sauterne wine. Pour boiling water $\frac{1}{2}$ inch deep around peppers and bake 30 minutes in moderate oven (350° F). Serves 6.



★ ★ *A Home with a Fighting Heart*



Let's fight with our *HOMES* to shorten this war

Every mother's heart, every father's heart, every American's heart all beat to one refrain—

*"Get this war over right
Get this war over soon"*

Some of the least spectacular activities in the world can cut weeks off the length of the war and thereby get more of our boys back sooner.

These are everyday activities—home activities. Things we all can do.

The man who takes tools in hand to fix the stairsteps or replace a pane of glass saves a few minutes of a carpenter's war-busy time.

The woman who takes needles in hand to knit something warm, to repair a coat sleeve or to restore a slip cover is saving *home* work-hours for war work.

The child who scuffs shoes *less* is saving a shoemaker's time and shoemaking materials.

It's a case of one home with a Fighting Heart being multiplied by 30,000,000 homes.

One snowflake by itself isn't much. A lot of snowflakes can change the looks of the world. If all our homes fight to save work-hours and materials for war, they can change the length of this war!

Let's fight, Homes!

In its 36 years of dealing with the American home, The Hoover Company has learned a lot about it—and the folks who live in it. Today, it is manufacturing for the American homes, not cleaners, but vital materials of war.

Hoover is publishing this message to help more homes be Fighting Homes—to shorten the war, to complete again those family circles and to have again the peace of "Home, Sweet Home."

To Those Who Own Hoover Cleaners



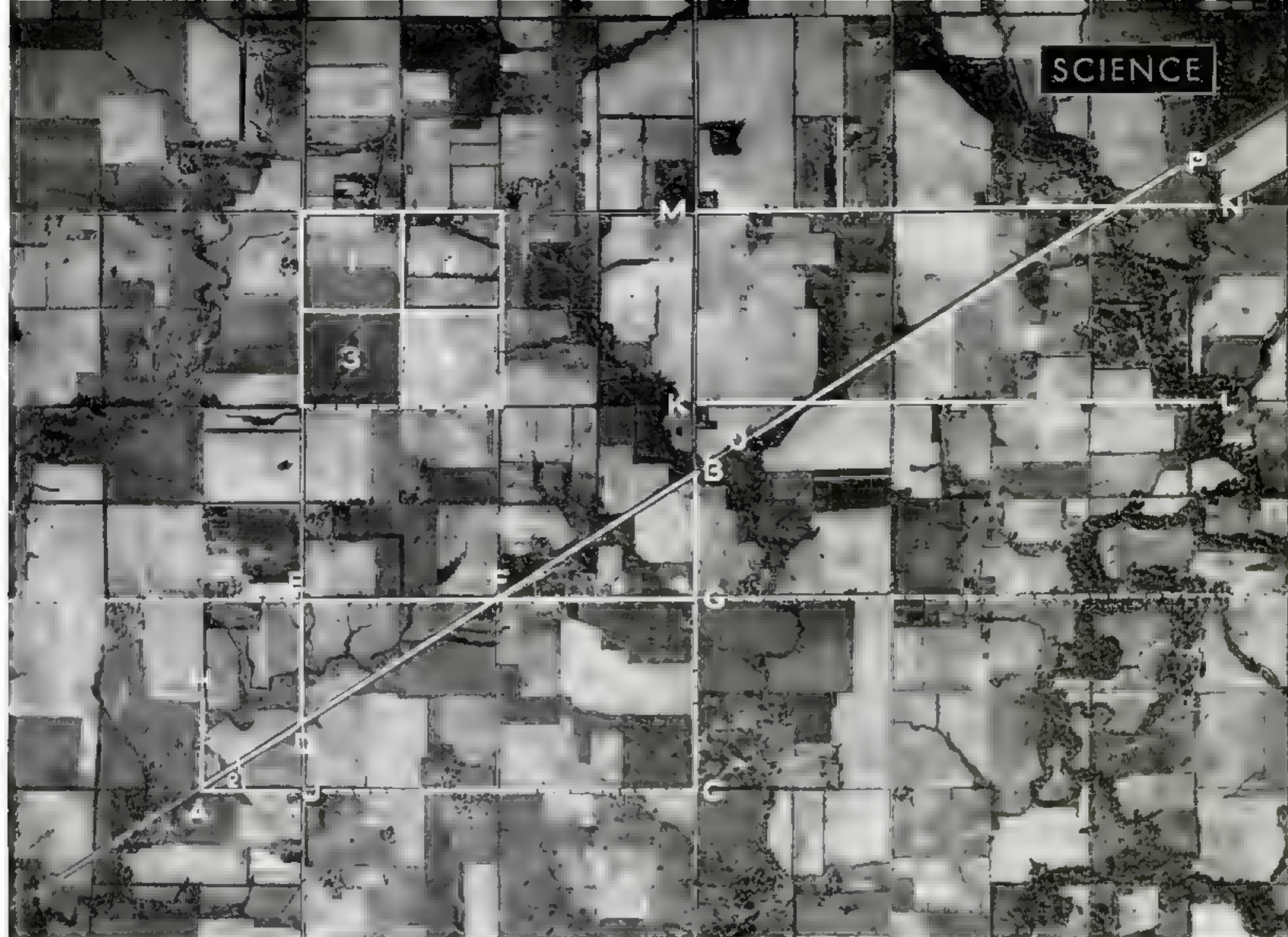
In the interest of conservation and to be assured genuine Hoover service and parts, we suggest that Hoover owners register their cleaners with the Hoover Factory Branch Service Station (consult classified telephone directory) or authorized dealer. If you cannot locate either, write: THE HOOVER COMPANY, North Canton, Ohio.

Remember: do not discard any worn or broken parts. They must be turned in to secure replacements.

The HOOVER

REG. U. S. PAT. OFF.
IT BEATS...AS IT SWEEPS...AS IT CLEANS





Nine axioms of geometry—self-evident facts of spatial relationships—are shown here: 1.) Straight line (AB not ACB) is shortest distance between two points. 2.) Only one straight line can connect two points (AB). 3.) Figure may be moved

in space without change ($\triangle DEF$ to $\triangle BOF$). 4.) Two lines (AB, EG) intersect at angle point (F). 5.) Straight line may be extended indefinitely (EG). 6.) The whole equals sum of its parts ($\angle 1 + \angle 2 = \angle HAJ$). 7.) If equals are added to

equals, results are equal ($\square 1 + \square 3 = \square 2 + \square 4$). 8.) Things equal to the same thing are equal to each other ($\square 1 = \square 3; \square 2 = \square 3 \therefore \square 1 = \square 2$). 9.) Of two intersecting straight lines (MN, OP) only one can be parallel to a third line (KL).

MATHEMATICS

WAR IS TEACHING U. S. CITIZENS A BELATED LESSON IN THE SUPREME INTELLECTUAL DISCIPLINE

The first lesson that the U. S. citizen has learned in this war is mathematics. In draughting rooms, on the production lines, at the piers, in logistics, in gunfire and bombsighting, in sea and air navigation, he has learned that every act of war expresses and satisfies a mathematical equation. This war-taught lesson underscores a notorious failure in U. S. education. It has been the experience of all war industries and services that U. S. citizens are lamentably unschooled in the discipline and art of mathematics. More than half the Army and Navy officer applicants regularly flunk the tests for mathematical aptitude.

This situation is lamentable at any time. Training in the supreme intellectual discipline is essential to comprehension of the modern world which mathematics, through science and engineering, has created. This gap in U. S. culture is being closed. Outside the Army and Navy compulsory classes, mathematics courses are getting record attendance and books on mathematics are top best-sellers.

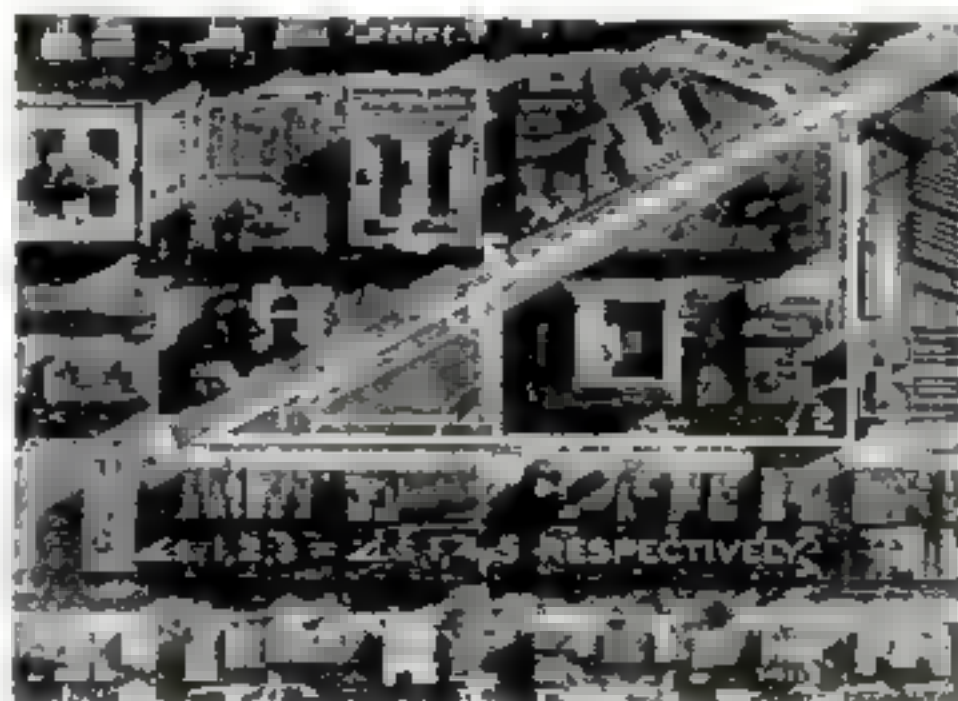
Mathematics is nothing more or less than reason—the process of thinking which leads to proof. This is the supreme privilege and exercise of the human intellect. As such, mathematics has nothing whatever to do with arithmetic. Arithmetic embraces merely the rules governing the numerical calculations per-

formed in our peculiar and special system of Arabic numerals. Because these rules are taught by rote in our primary schools, arithmetic is, unfortunately, the beginning and end of mathematics for the vast majority of people.

Mathematics actually requires no numerals at all. Its conclusions, the only absolute truths we know, are expressed as equations, in letters or other symbols which stand for any number. The most simple and profound truths of mathematics are all deduced by logic from a small set of statements defining relationships between such objects as numbers, points and lines, in accordance with experience or specific purposes.

The simplicity of all mathematics is demonstrated by geometry. Geometry has no numbers, but deals with the nature of space. Nine statements, self-evident axioms from which the geometry of Euclid proceeds, are all illustrated in the U. S. landscape pictured above. From these nine facts, 26 less evident facts are deduced and proved and the nature of the plane surface is fully demonstrated. With space thus comprehended, the Greeks surveyed the land, built temples, sailed ships and proved the earth is round.

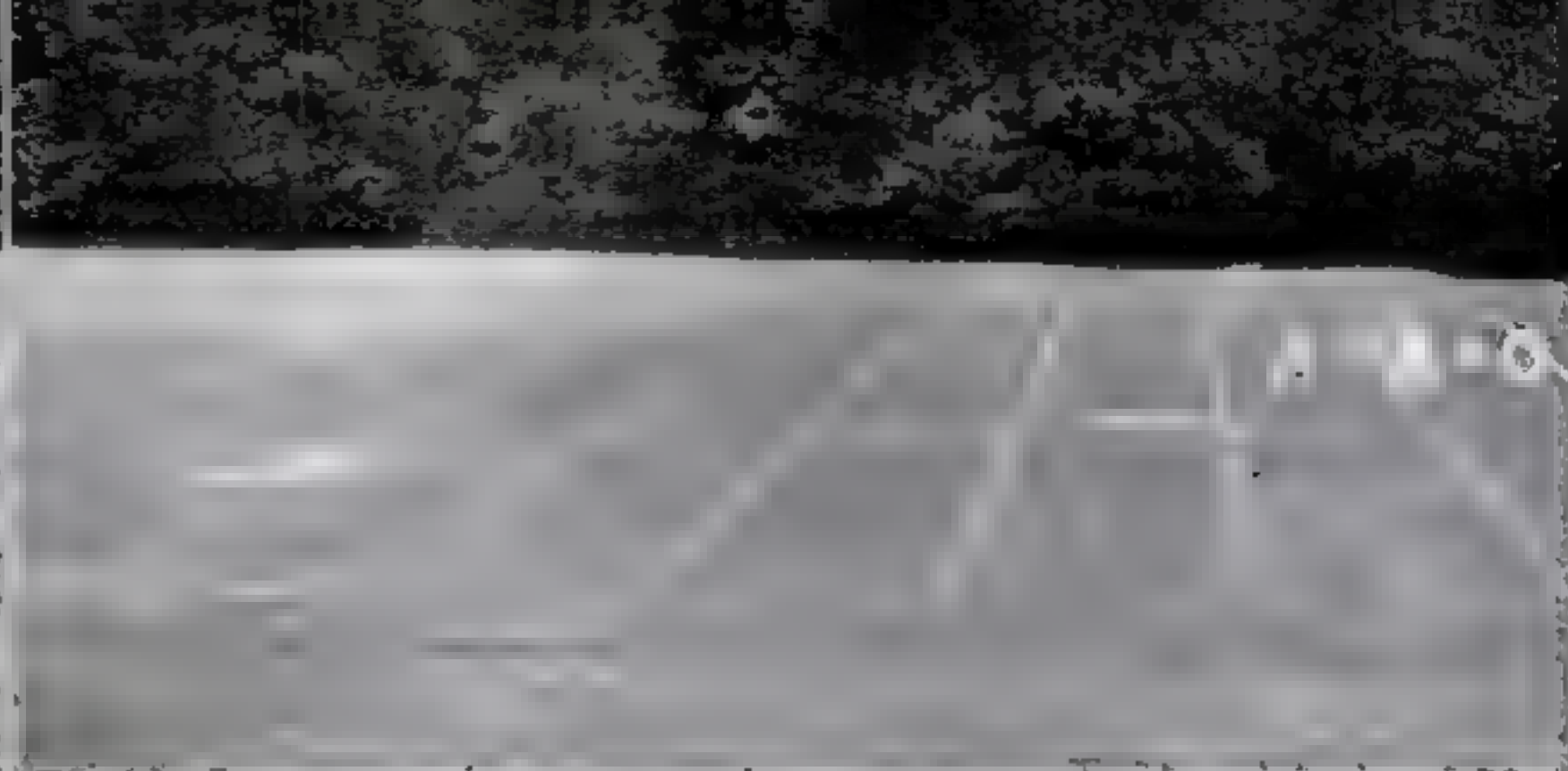
Amateurs should read *Popular Mathematics* (Coward-McCann) by Denning Miller and *What Is Mathematics?* (Oxford) by R. Courant and H. Robbins.



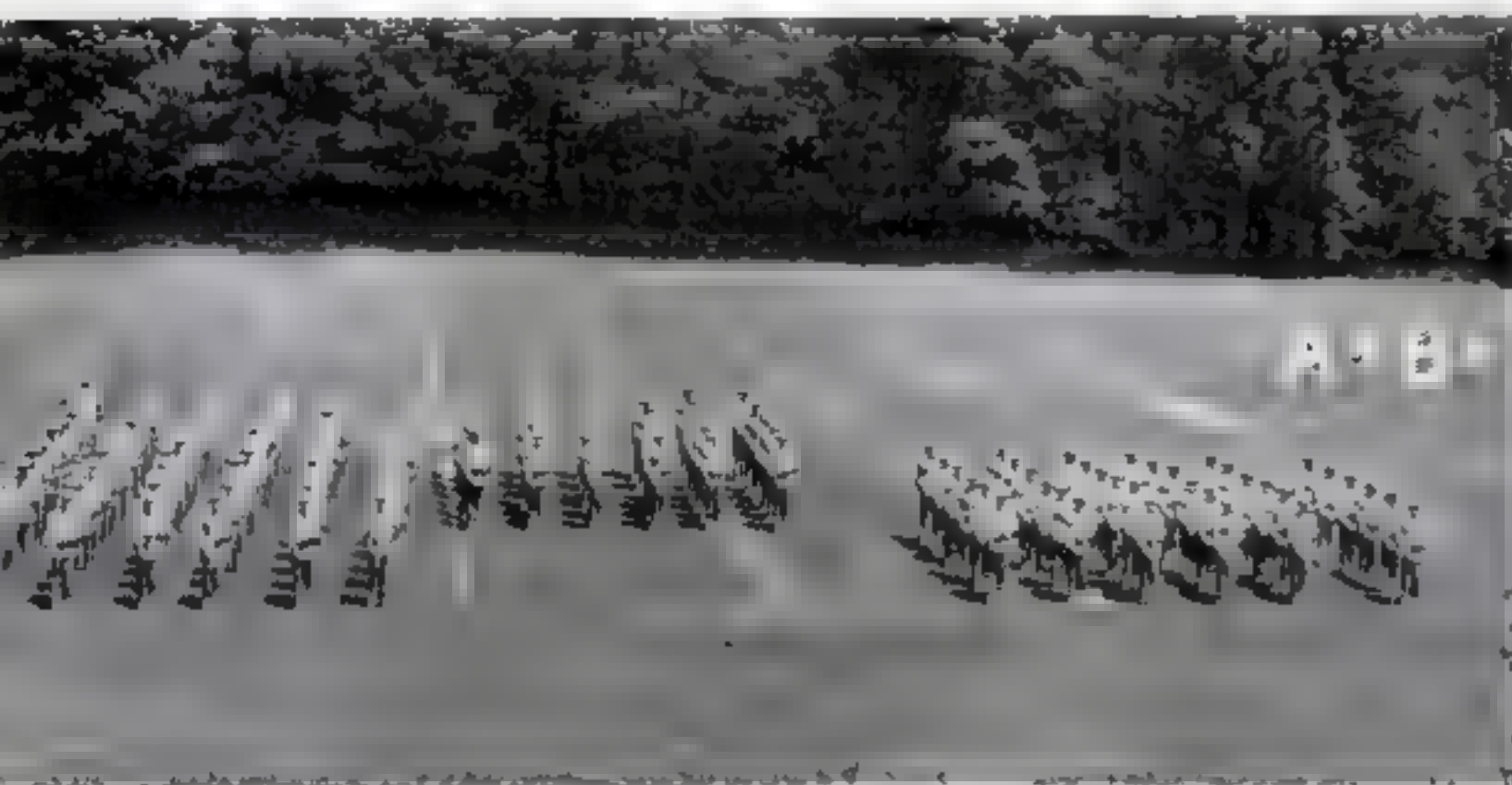
25th Proposition in Euclid: If the respective angles in two unequal triangles are equal, then the relative lengths of any pair of corresponding sides (AB & AD) are the same as any other pair (AC & AE or BC & DE). This proposition is proved every time a gun is fired or a star-sight is taken.



AXIOM 1: A NUMBER DIVIDED BY ITSELF EQUALS ONE—EACH CADET HOLDS ONE RIFLE.



AXIOM 2 FORMULATES GENERALITY OF ZERO, SYMBOLIZED BY EMPTY FIELD AFTER DISMISSAL.



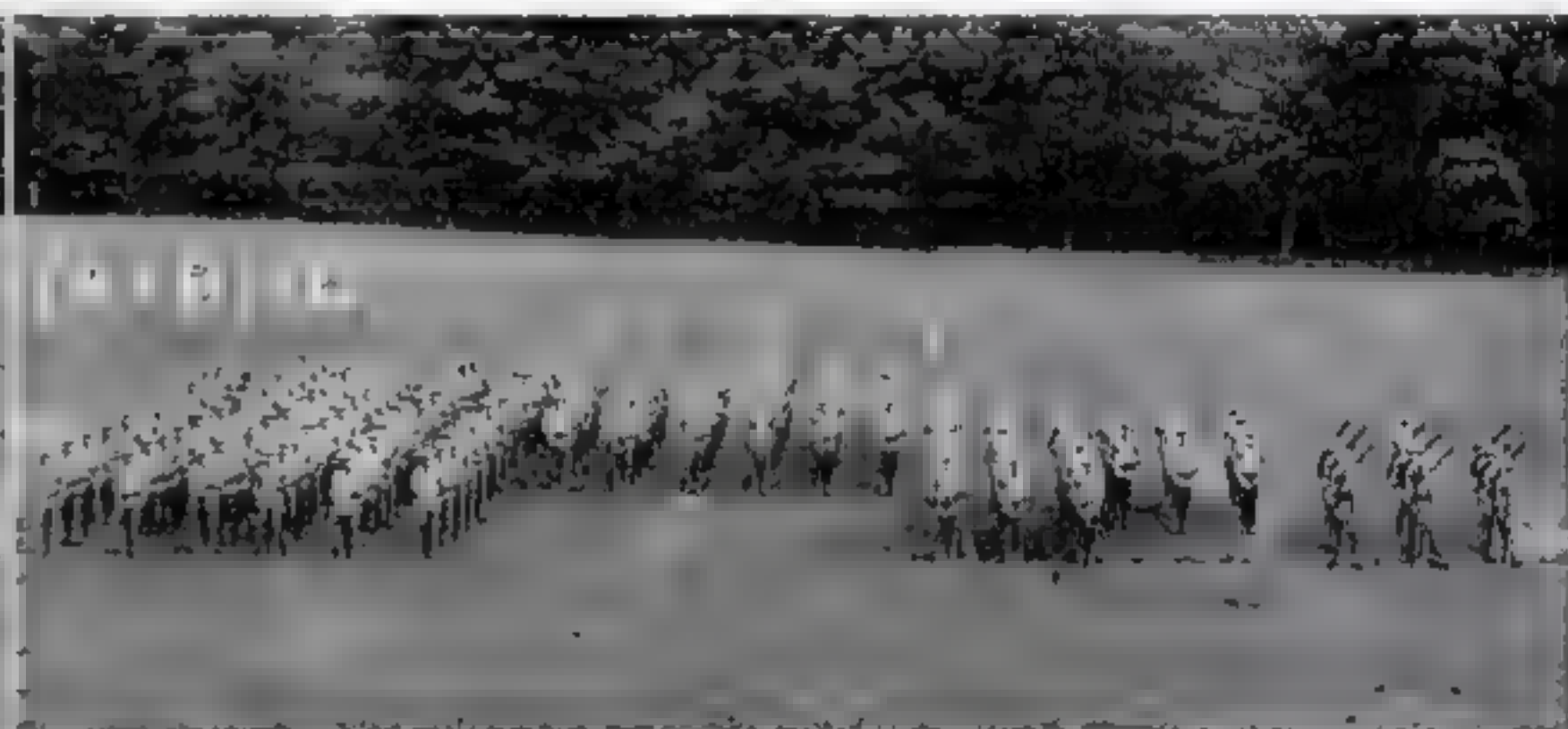
AXIOM 3: ORDER IN WHICH ANY TWO NUMBERS ARE ADDED DOES NOT AFFECT RESULT. HERE CADETS DEMONSTRATE THAT BIG UNIT PLUS SMALL UNIT IS SAME AS SMALL PLUS BIG.



AXIOM 3: ORDER IN WHICH ANY TWO NUMBERS ARE ADDED DOES NOT AFFECT RESULT. HERE CADETS DEMONSTRATE THAT BIG UNIT PLUS SMALL UNIT IS SAME AS SMALL PLUS BIG.



AXIOM 4: THE ORDER IN WHICH ANY NUMBER OF NUMBERS ARE ADDED DOES NOT AFFECT RESULT. CADETS DEMONSTRATE TWO OF SIX SEQUENCES IN ADDITION OF SAME THREE UNITS.



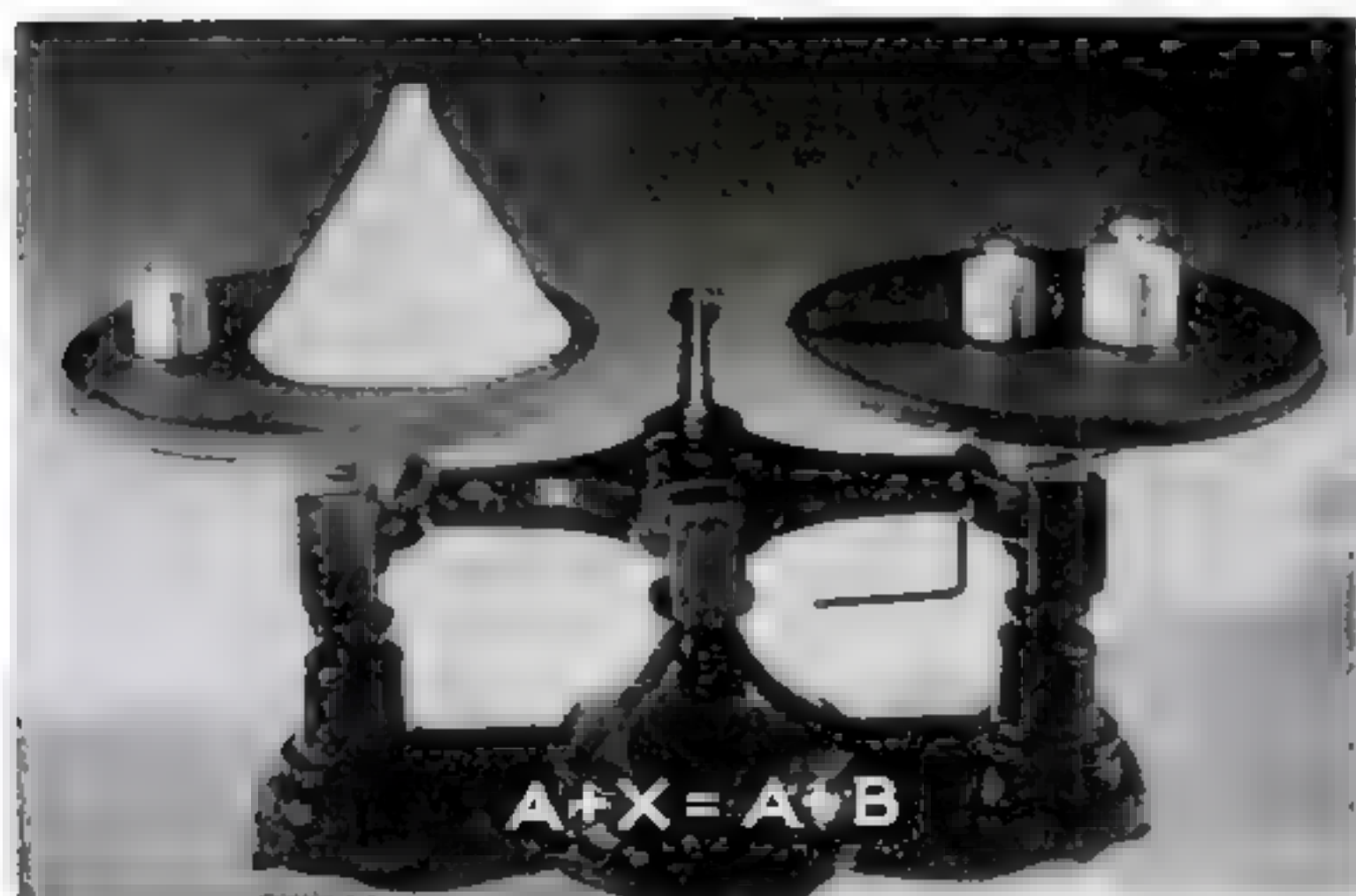
AXIOM 4: THE ORDER IN WHICH ANY NUMBER OF NUMBERS ARE ADDED DOES NOT AFFECT RESULT. CADETS DEMONSTRATE TWO OF SIX SEQUENCES IN ADDITION OF SAME THREE UNITS.

NUMBER, LIKE GEOMETRY, IS SYSTEM OF REASONABLE DEDUCTIONS FROM AXIOMS

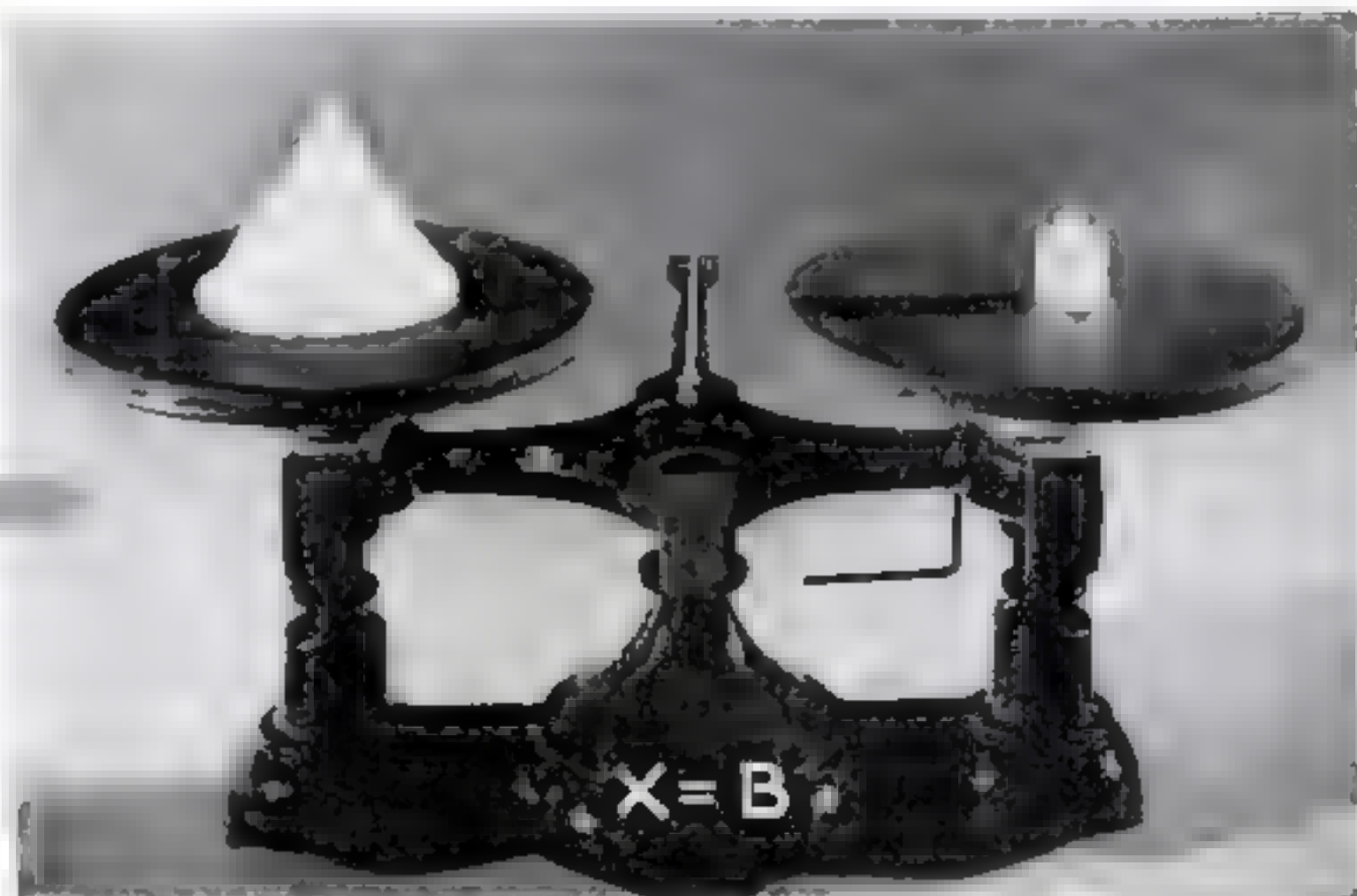
The word number, in most minds, signifies numerical calculations and specific numerical answers. All of these calculations, grouped under heading of arithmetic, can be performed without mental travail by such devices as adding machines. Mathematically, number is a much more powerful and useful concept when it is dissociated entirely from numerals. With number taken to mean "any number," arithmetic gives way to algebra and mathematics becomes a creative science.

Under the discipline of algebra, operations with number are reduced to a system of logical deductions from a group of absurdly simple axioms, like the axioms of geometry. These axioms may be abstracted by reason from practical experience as are the axioms shown here. Thus anchored, mathematics proceeds to discover and prove new facts and principles by reason.

Seven of these axioms are drilled out above in a demonstration for LIFE by the cadet corps of the New



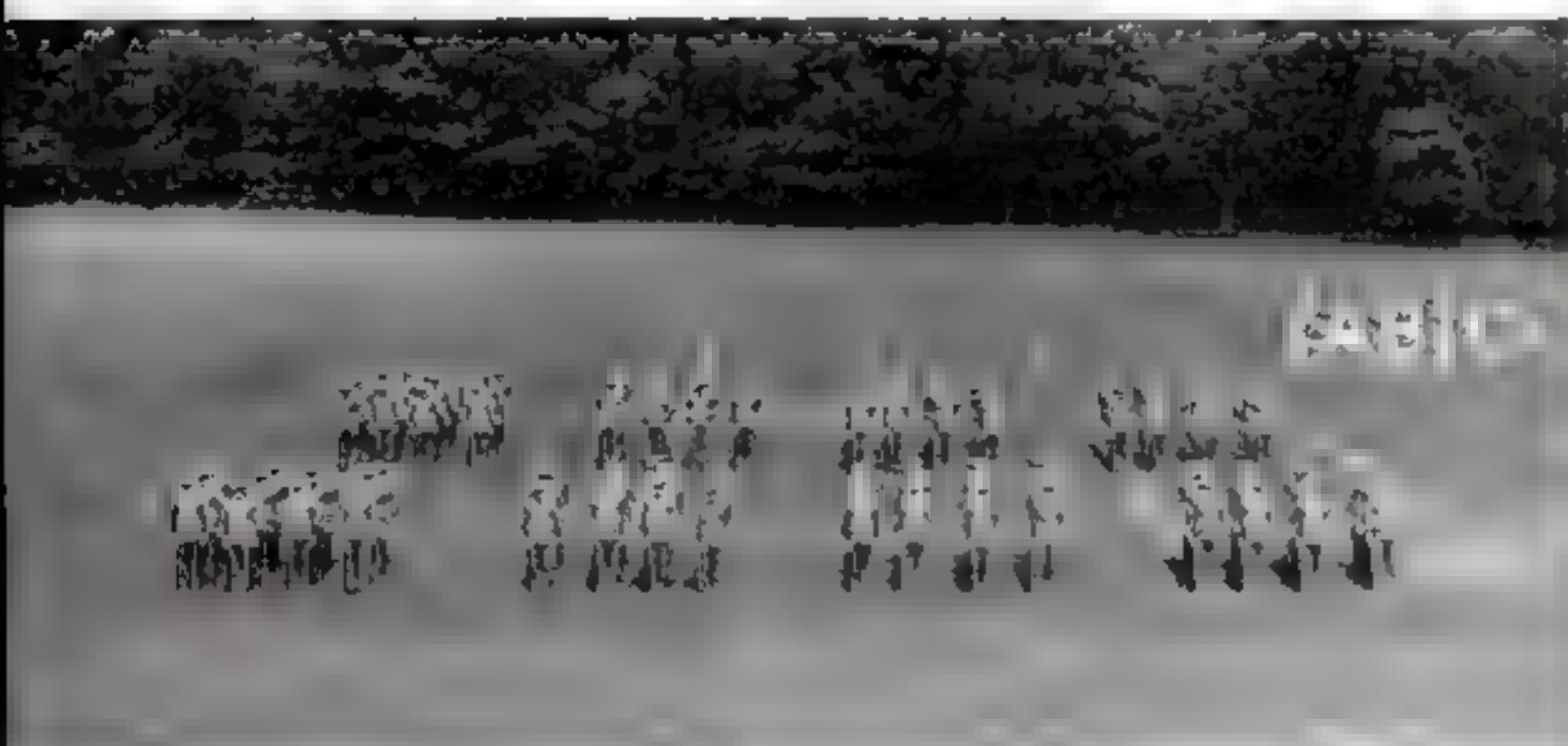
AXIOM 5 DEMONSTRATES ALGEBRAIC ADDITION AND SUBTRACTION TO FIND UNKNOWN.



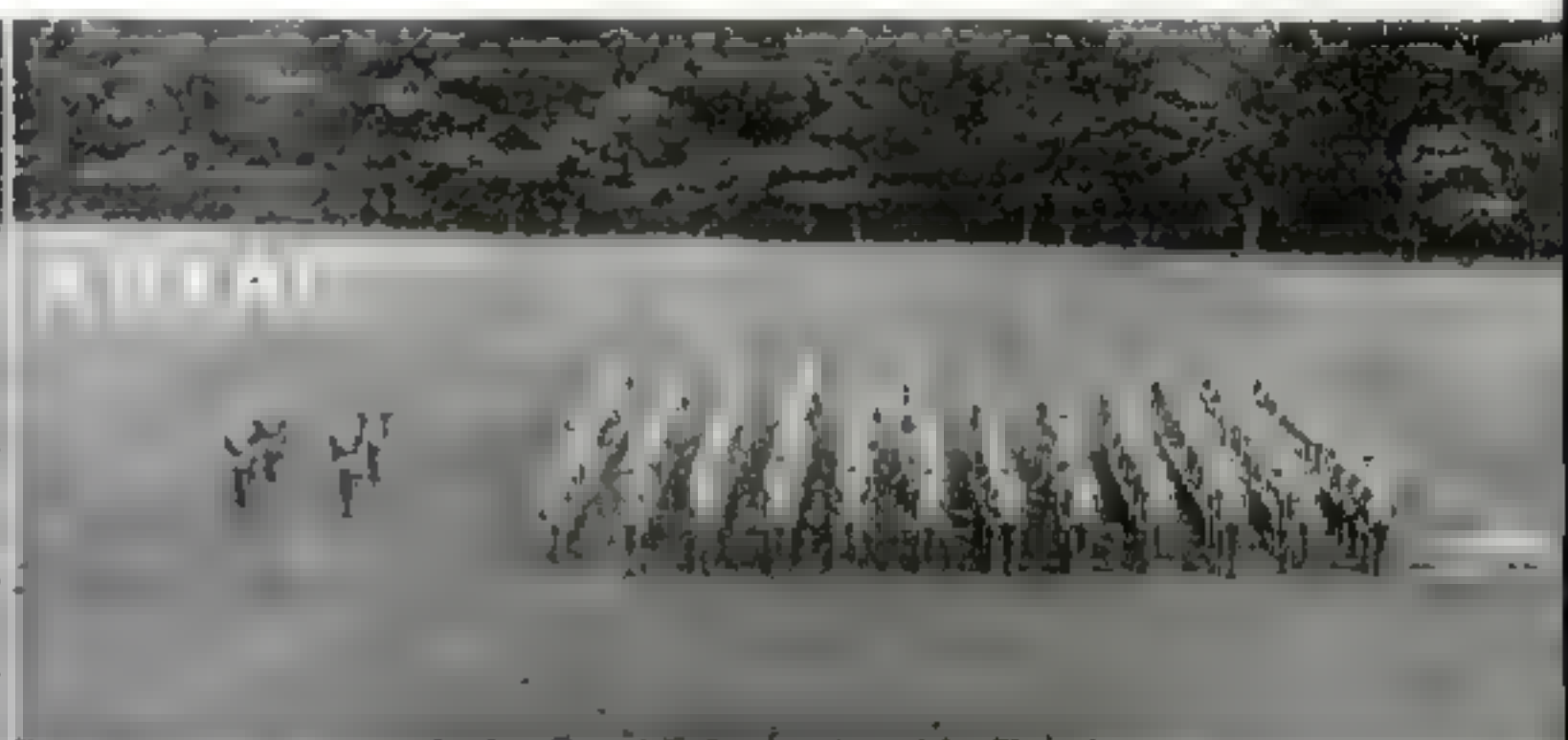
SCALE/BALANCE, WEIGHING UNKNOWN (X), AS SAME KNOWN IS TAKEN FROM BOTH PANS.



AXIOM 5: SEQUENCE IN THE MULTIPLICATION OF TWO NUMBERS DOES NOT AFFECT THE RESULT. THE NUMBER OF CADETS REMAINS UNCHANGED BY SWING FROM RANK TO COLUMN



AXIOM 6: THE ORDER OF MULTIPLYING ANY NUMBER OF NUMBERS DOES NOT AFFECT PRODUCT. EIGHT CADET UNITS, FOUR BY THREE, IS SAME AS THREE UNITS OF FOUR BY EIGHT



AXIOM 7: ORDER OF COMBINED MULTIPLICATION-ADDITION OPERATION DOES NOT AFFECT RESULT. FOUR UNITS OF OFFICERS AND MEN IS SAME AS FOUR OFFICERS PLUS FOUR UNITS

York Military Academy at Cornwall-on-Hudson, N. Y. Two axioms governing the discovery of the algebraic unknown quantity are demonstrated below on a laboratory balance scale. At first glance these axioms are even more obvious than Euclid's. Nothing could be plainer than the illustration for Axiom 1. Given 144 cadets, each armed with one rifle, it is apparent by simple tallying that there are 144 rifles in this picture. But this principle of "one-cadet-one-rifle" is entirely

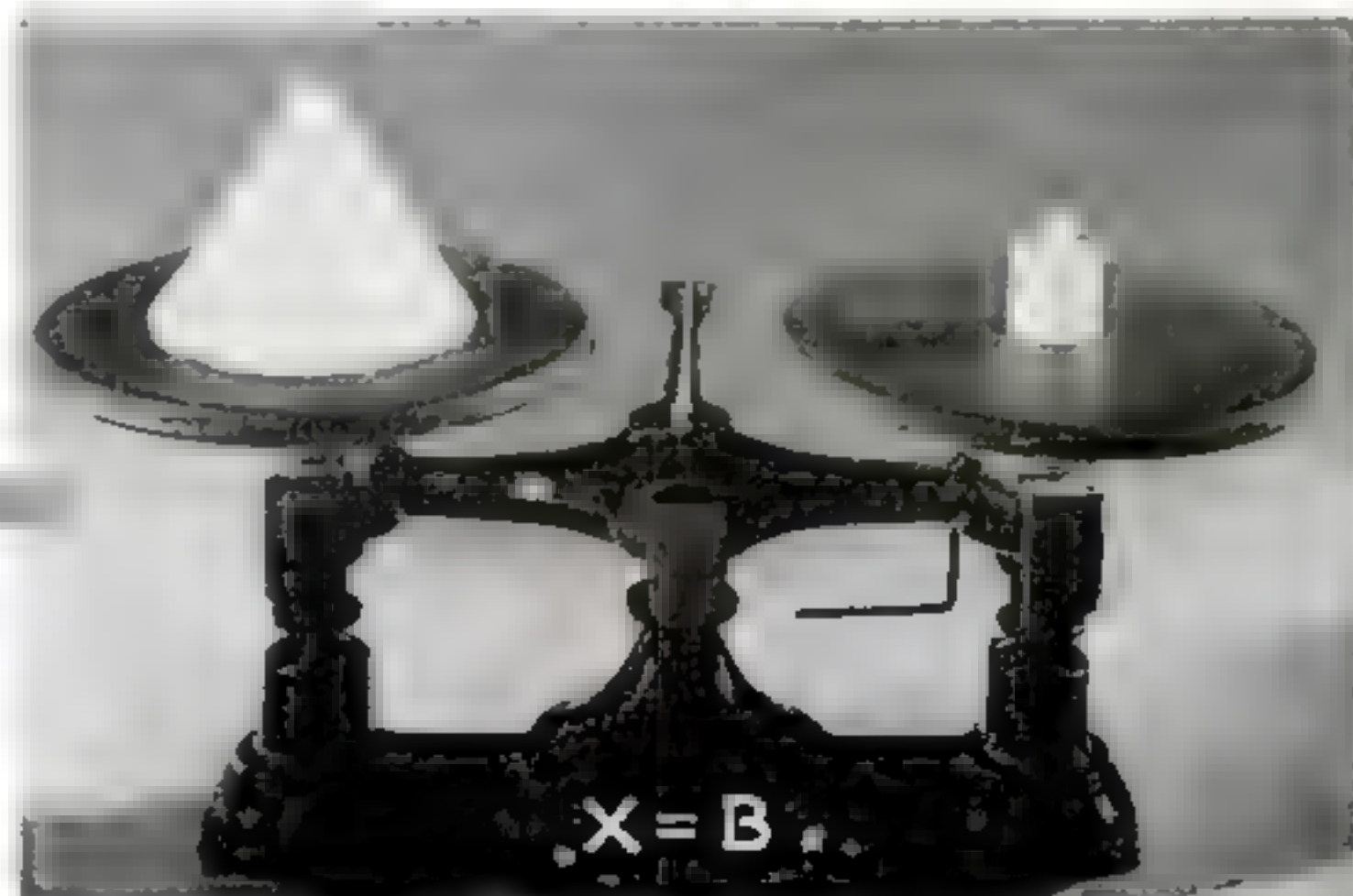
independent of the things or the numbers involved and yields the useful principle that any number, here symbolized by **A**, divided by itself equals one. Similarly, under Axiom 2, any number subtracted from itself equals zero. Thus established is the nature and meaning of "1" and "0," the basic building blocks of numbers from which all other numbers are derived. With the remaining axioms all the necessary facts of number are listed and the two fundamental operations,

addition and multiplication, and their opposites, subtraction and division, are demonstrated. The rest is reason.

Apply the axioms, for example, to problem of squaring $4\frac{1}{4}$, which arithmetically calls for memory of specific rules. By definition $4\frac{1}{4}$ means $4 + \frac{1}{4}$. Problem may, therefore, be stated: $(4 + \frac{1}{4}) \times (4 + \frac{1}{4})$. Applying Axiom 7, it is solved: $4 \times 4 + 4 \times \frac{1}{4} + \frac{1}{4} \times 4 + \frac{1}{4} \times \frac{1}{4}$, yielding $16 + 1 + 1 + \frac{1}{16}$, and the final answer $18\frac{1}{16}$.




AXIOM 3 SHOWS PRINCIPLE OF ALGEBRAIC MULTIPLICATION-DIVISION TO FIND UNKNOWN



UNKNOWN IS DETERMINED: BOTH SIDES OF EQUATION ARE DIVIDED BY COMMON FACTOR

To "keep 'em growing"

START WITH BREAD!



LIVELY, healthy, growing youngsters look to you for *good nutrition* to give them their proper start. You've got an ally in that in *modern bread*—because long months of careful research have made the bread your baker provides today the best bread America ever had. Use it—for all the good things it provides for old and young alike. Use it—for *these sound reasons*:

Because modern enriched white bread is featured in one of the "BASIC SEVEN" food groups you should eat every day.

Because the baking industry and your government have joined forces to make this modern bread *the best bread America ever had*.

Because the loaf of enriched white bread your baker offers is made to standards required by your government.

In addition to PROTEIN, which helps build body tissue, and CARBOHYDRATES, which your body readily converts into activity, each loaf contains —

VITAMIN B₁—helps maintain normal appetite and good nerves

RIBOFLAVIN (Vitamin B₂) and NIACIN—important factors in the Vitamin B complex

IRON—helps to form good red blood.



BREAD IS BASIC

P.S.—MOST GOOD BREAD IS MADE WITH FLEISCHMANN'S YEAST

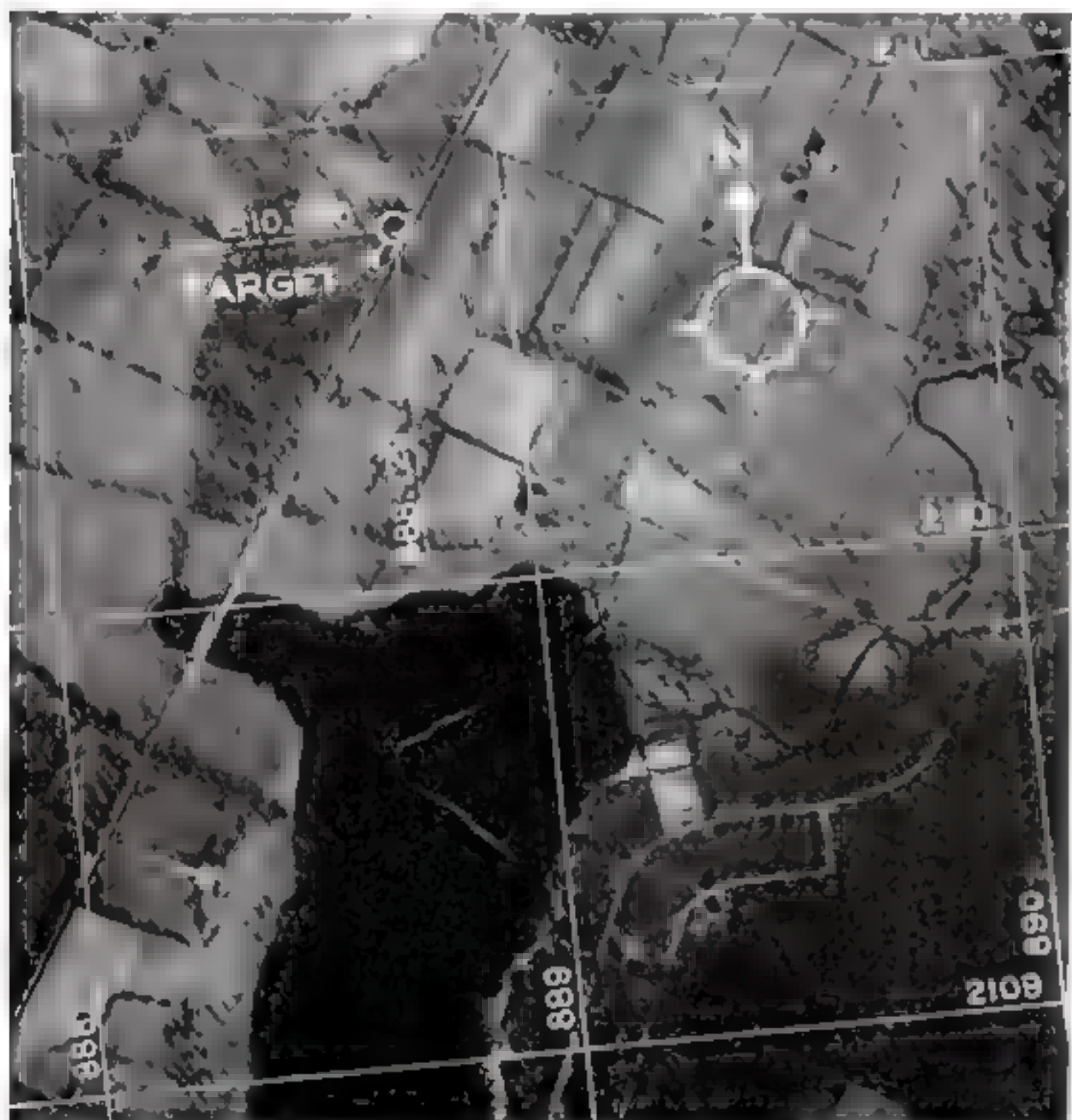
FOOD FIGHTS FOR FREEDOM—PRODUCE, CONSERVE, SHARE AND PLAY SQUARE

PROPERTIES OF SPACE AND NUMBER MERGE IN CURVES OF ANALYTICAL GEOMETRY

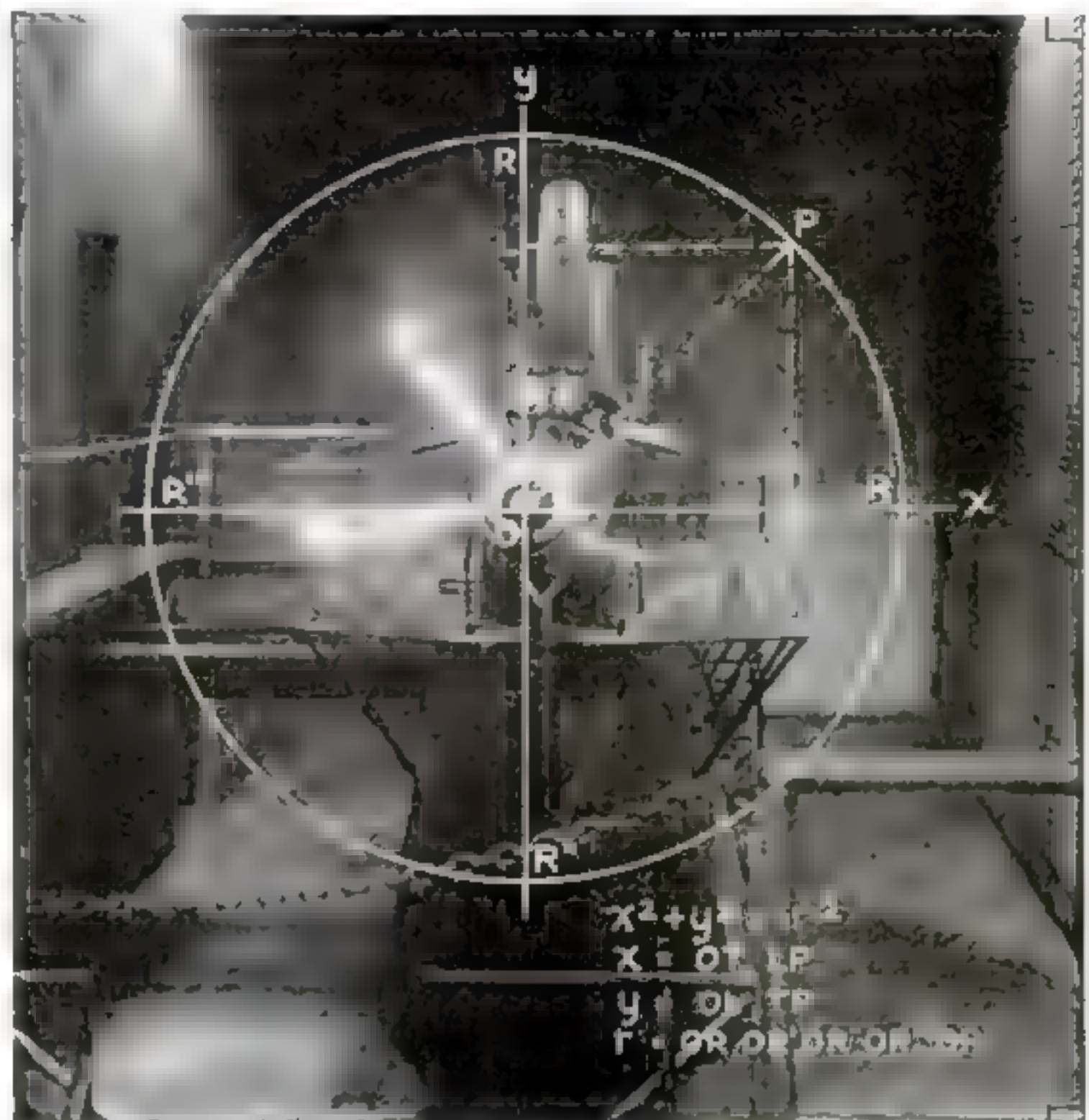
By means of analytic geometry, space and number, the provinces of geometry and algebra, combine to produce at once a graphic algebra and a figurative geometry. This is the basic mathematics of science and engineering. The device that links space and number is the chart familiar to anyone who can read a map. On the chart any point may be located by establishing coordinates on fixed lines of reference (axes) at right angles to one another (*left, below*).

The point need not be fixed in space. It may be allowed to move, governed by some condition, like an algebraic formula, which establishes the relation of its co-

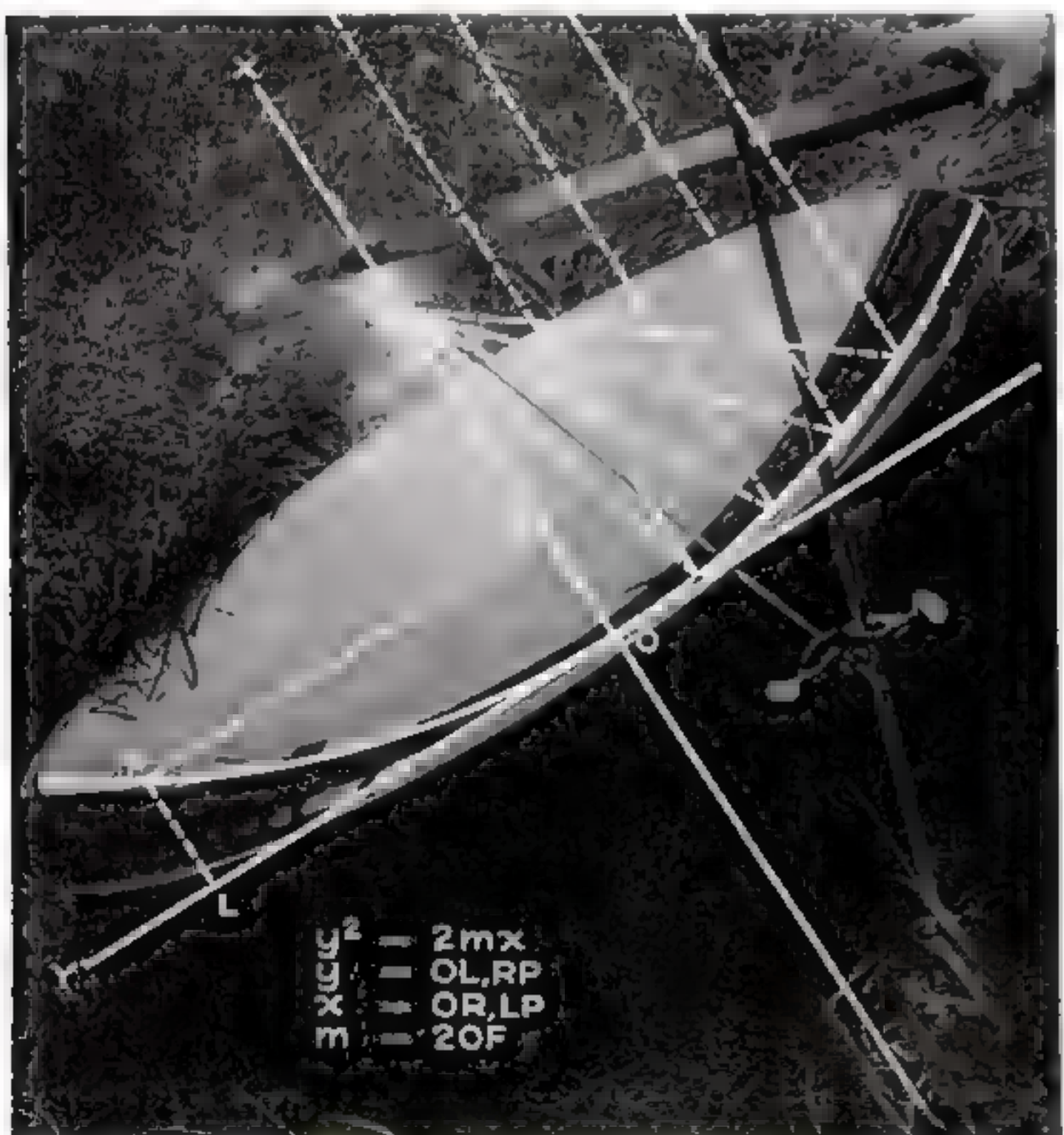
ordinates on the two axes. According to the formula it may trace any of the conic section curves (three of which, circle, parabola and ellipse, are shown below) or the curves for the power output of aircraft engines, stresses on structures, compound interest, or the cycles of radio waves. Taking any value for one coordinate, one can read from the curve the corresponding value of the other coordinate. This correspondence, called a "function," is the fundamental notion of modern mathematics. In the mind of scientist and engineer, space and number, as function and curve are identical and in daily practice no distinction is drawn between them.



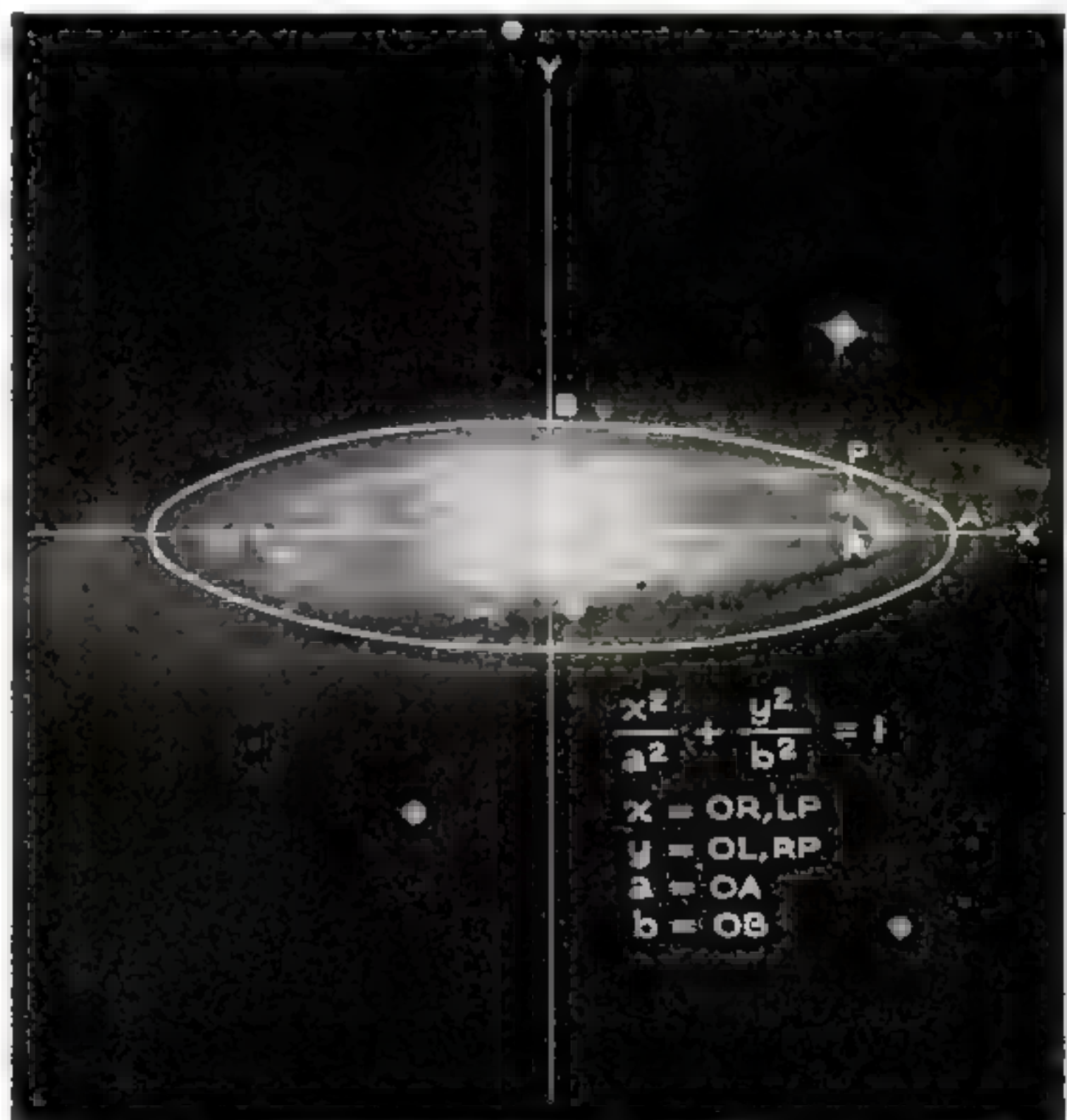
Point is located on aerial map relative to the horizontal and vertical axes of the overlaid military grid. The lines of the grid are 1,000 yards apart. Dotted-line coordinates fix target at 720 yards east of the 888,000-yd. line and 750 yards north of the 2,110,000-yd. line.



Circle is described by propeller tips. Any point in circle can be located relative to axes by solving algebraic formula, the Pythagorean solution of hypotenuse (*right*). Constant radius (*r*) is hypotenuse of triangle whose other two sides are variable coordinates of *X* and *Y* axes.



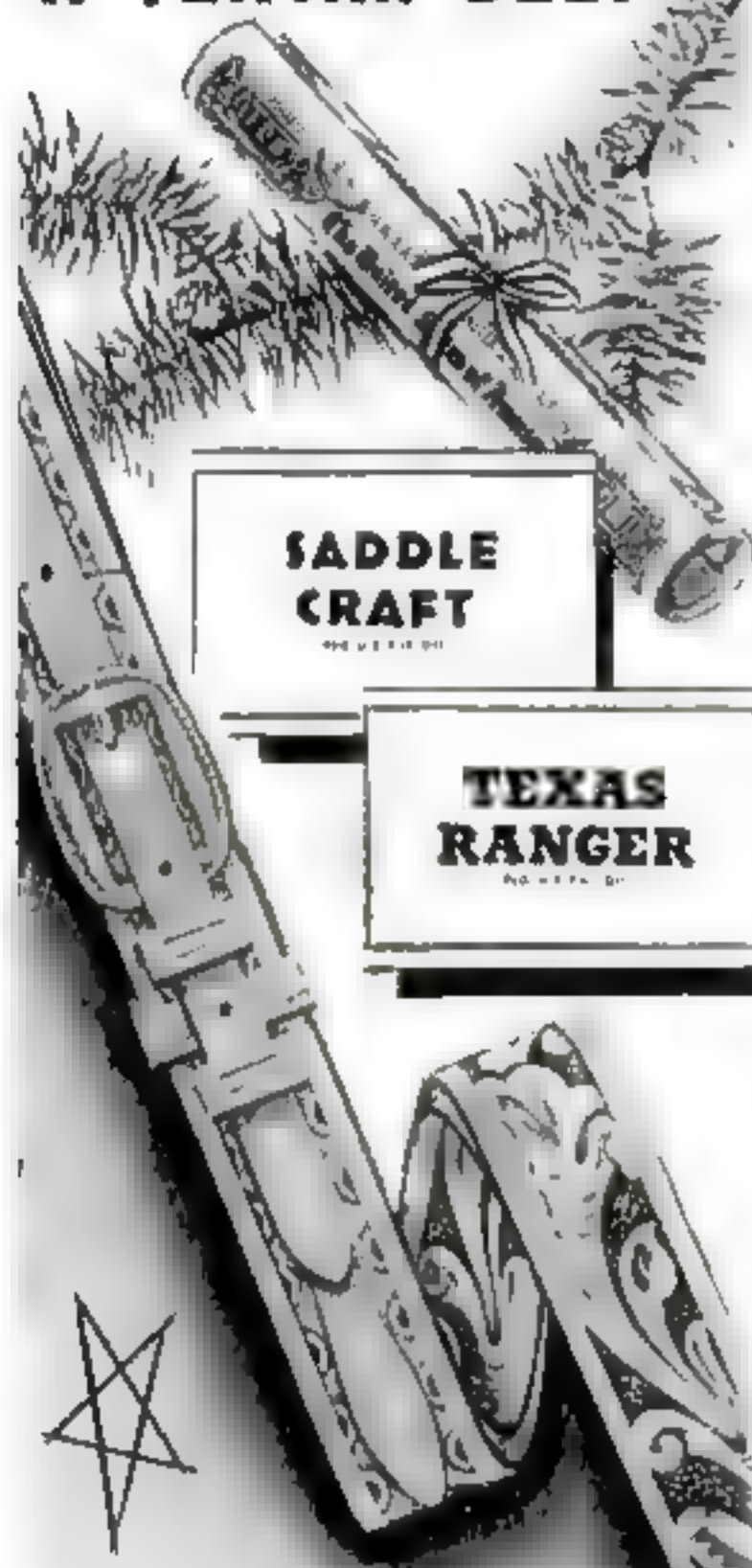
Parabolic curve is employed in searchlight mirror to focus light into parallel beam. Here process is reversed: parallel beams of sunlight are focused at focus point (*F*) to burn wood. Known constant (*m*) of twice the focal length (*OF*) establishes curve relative to *X* and *Y* axes.



Ellipse is the shape of a galaxy. An ellipse is a closed curve described by a moving point, the coordinates of which at any moment satisfy the equation at the right. Two known constants (*a* and *b*) are equal to half the length respectively of the ellipse's long and short axes.



**A WAR BOND
A TEXTAN BELT**



What man could ask for more? A Bond backing up our fighters at the front... A belt created in Yoakum, Texas, as hand some as a 12 point buck, tough enough for the heaviest requirements of those who work for victory here at home.

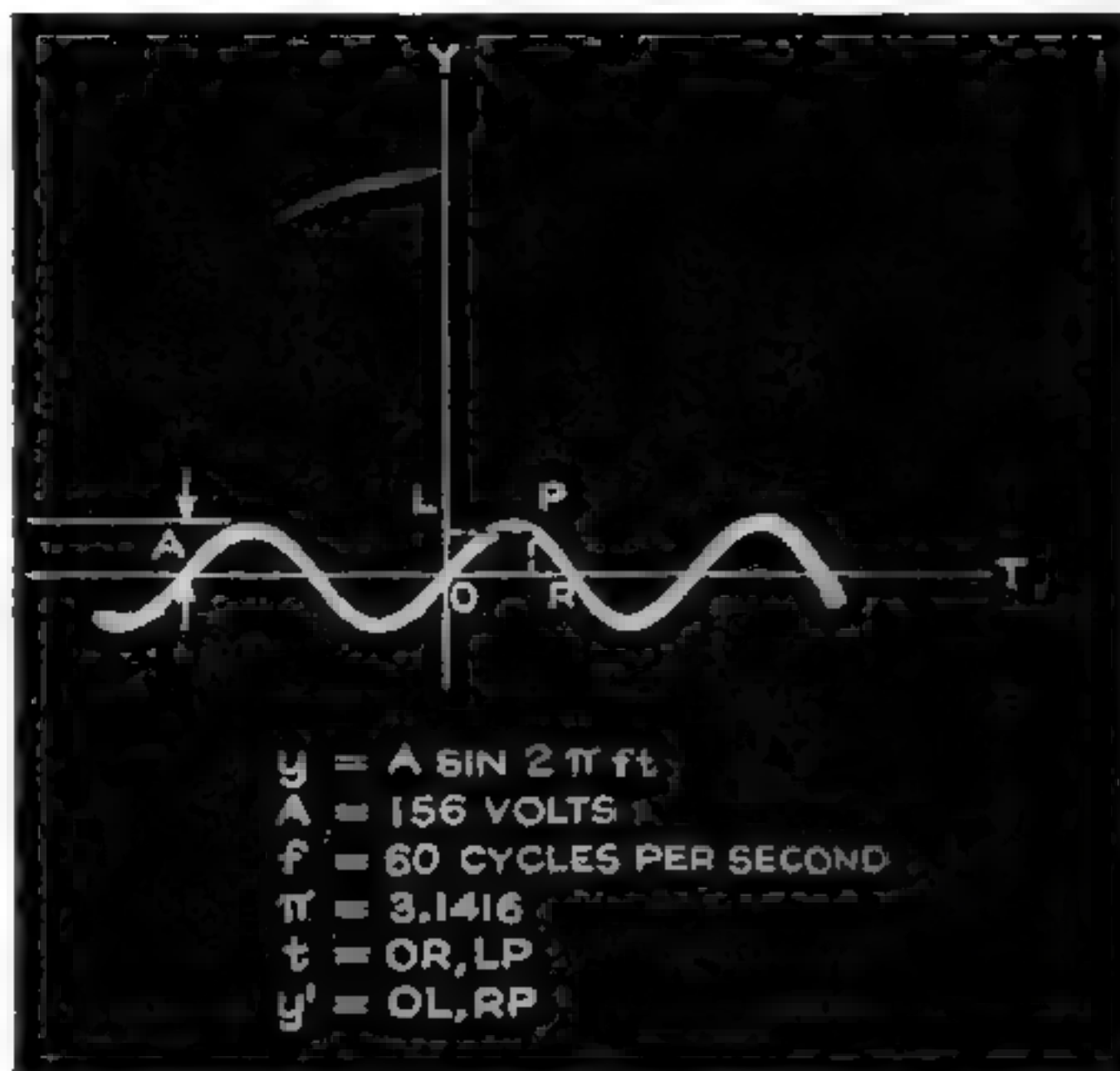
After you've bought your War Bonds then shop for Texas Ranger and Saddle Craft Belts and Bilfolds. Finding them may not be easy... Most of Textan's finest leather is going into war items and essential farm and ranch equipment to help produce our much needed food supply. If you're successful in corraling a Textan Belt or Bilfold, you've found a gift any man will prize.

Put Freedom First in Christmas Giving
Give War Bonds!

Genuine hand-tooled belts \$3.50 to \$ 5.00
Other Styles \$1.25 to \$ 3.50
Bilfolds \$1.00 to \$10.00

Textan
OF YOAKUM, TEXAS

Mathematics (continued)



Sine curve, drawn by electron beam on face of oscilloscope similar to television tube, shows characteristics of 110 volt, 60 cycle alternating current. Voltage is measured on Y axis, frequency (hence wave-length) on X axis, here marked T, for time. Voltage at any moment in cycle can be read on curve because voltage is function of time.

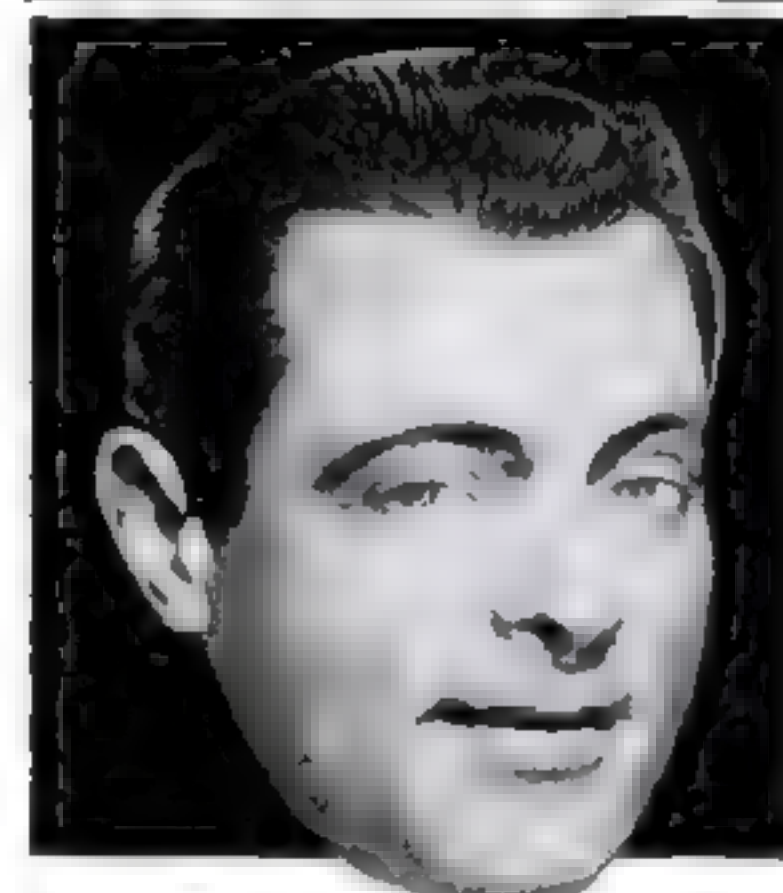


Trigonometry employs special qualities of right triangle (triangle having one angle 90°) to measure distances along straight lines or to measure size of angles. Ladder is model for trigonometrical principle. Person climbing ladder progresses also vertically and also horizontally toward wall. Vertical (A to A', to A'') and horizontal (B to B, to B') progress are both in fixed proportion to his progress on incline of ladder (B to B', to B''), as postulated in Proposition 25 in Euclid (see page 79). The size of angles in triangles of any size (ABC, A'B'C, or A''B''C) fixes proportions of their sides. Hence, with the size of one angle and of one side known, it is possible to measure the other two sides, or with two sides known to measure angles. This is the principle of the range finder, the sextant and surveyor's triangulation.



Mirapaca... America's most advertised sweater... will give you wearing pleasure for many seasons. Light in weight, warm, and feathery soft... it radiates an air of smartness that all lovers of fine sportswear admire. For business or leisure wear there's nothing like a Mirapaca. **\$6.00**
America's Sweater Favorite.

Prices slightly higher west of the Rockies
BRENTWOOD SPORTSWEAR • PHILADELPHIA • NEW YORK



KEEP

*your scalp in condition,
invigorated and tingling—*

HAIR

*manageable, well groomed and
free from loose dandruff, with*

JERIS

for Loose Dandruff

At All Drug Stores and Barber Shops

**WATCH HER TURN THE CAPITAL
UPSIDE DOWN!**

*3 GIRLS TO A BED!
10 GIRLS TO A DATE!
20 GIRLS TO A STEAK!*

**Where...
the men are ONE to TEN
a gal's GOTTA be good!
No wonder no man
is safe after dark!**

OLIVIA DE HAVILLAND
in
"Government Girl"
SONNY TUFTS
with

ANNE SHIRLEY • JESS BARKER

JAMES DUNN • PAUL STEWART • AGNES MOOREHEAD

HARRY DAVENPORT • UNA O'CONNOR

Produced and Directed by **BUDLEY NICHOLS**

From Adela Rogers St. John's Sensational Ladies Home Journal Serial

Screen Play by Budley Nichols



Adventures of
LONGINES
THE WORLD'S MOST HONORED WATCH



The watch with the most hours in the air


The Longines watch shown above proudly serves Roger Q. Williams—one of the most distinguished of American aviators. ¶ Roger Williams learned to fly a glider at 18. He was flying instructor in World War I. Since then he has logged over 15 thousand hours in the air—almost three million miles—covering most of the world's area. ¶ Williams received world honors for his historic flight to Rome in 1929; and for the first round-trip flight New York-Bermuda in 1930. ¶ In 14 years of flying, Williams' watch had two cases irreparably damaged, but the Longines movement is still ticking at close to perfection . . . after more hours in the air than any other timepiece. In this, the watch but shares in the deeds of the man to whom aviation owes so much.

*Based on documents in our files

Longines-Wittnauer Watch Co., Inc., New York, Montreal, Geneva; also makers of the Wittnauer Watch, a companion product of unusual merit.

Longines

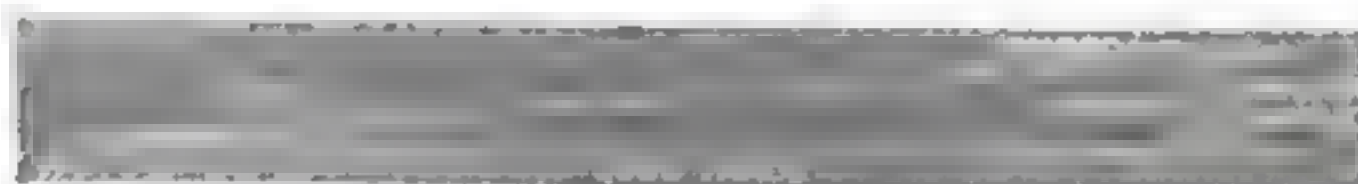
WINNER OF 10 WORLD'S FAIR GRAND PRIZES
AND 28 GOLD MEDAL AWARDS



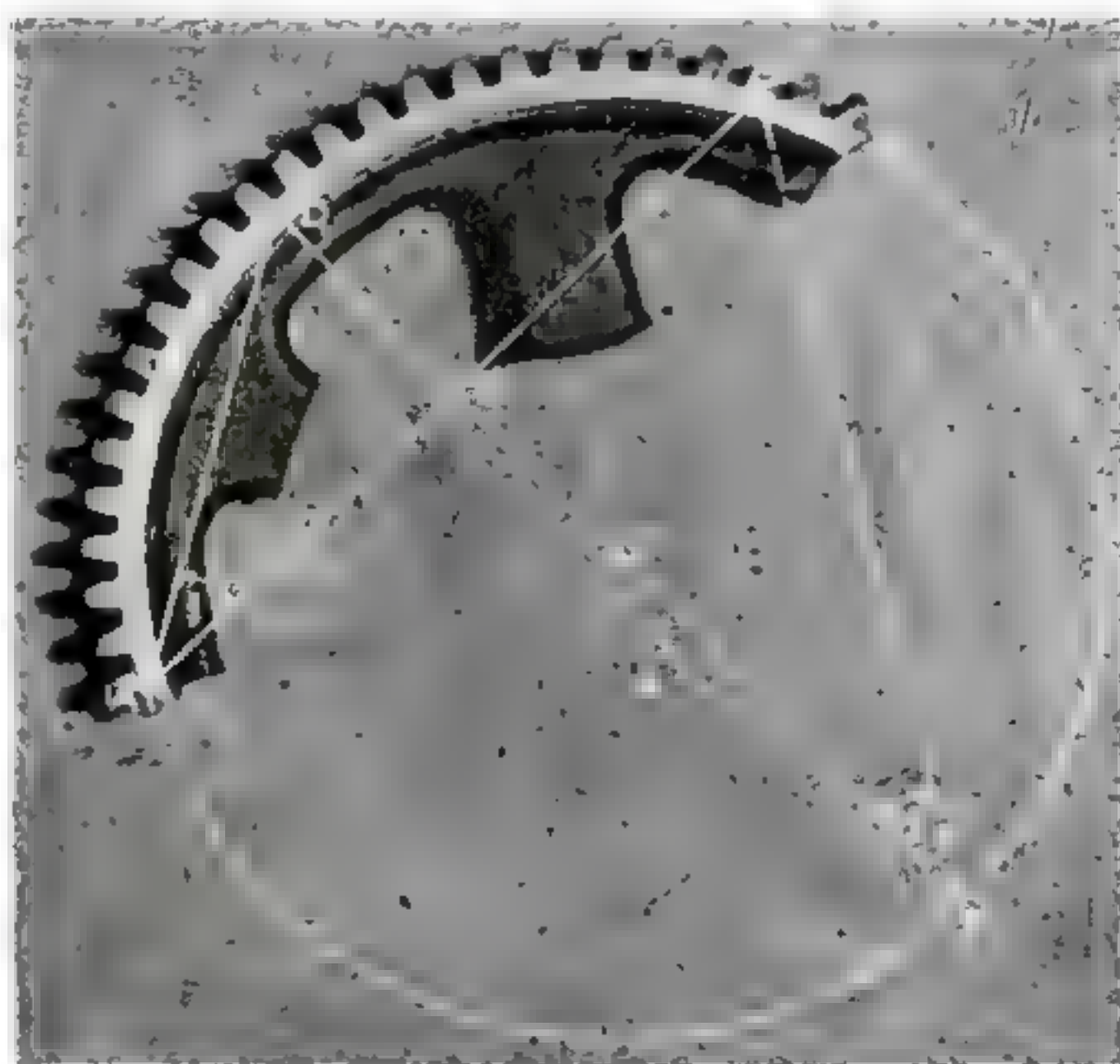
The beating heart of every Longines Watch is the Longines "Observatory Movement," world honored for greater accuracy and long life. *Reg. U. S. Pat. Off.



MIL SIMPLIFIES BATTLE PROBLEMS

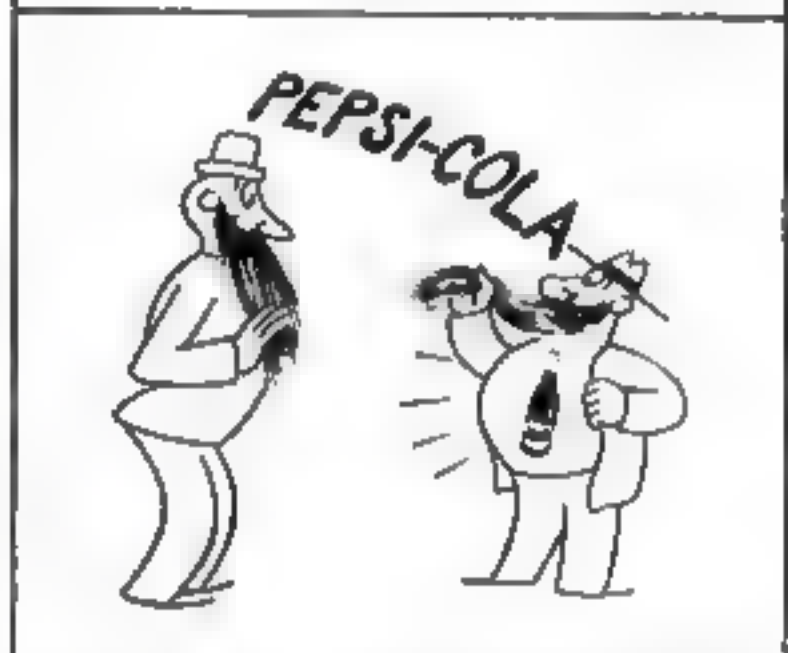
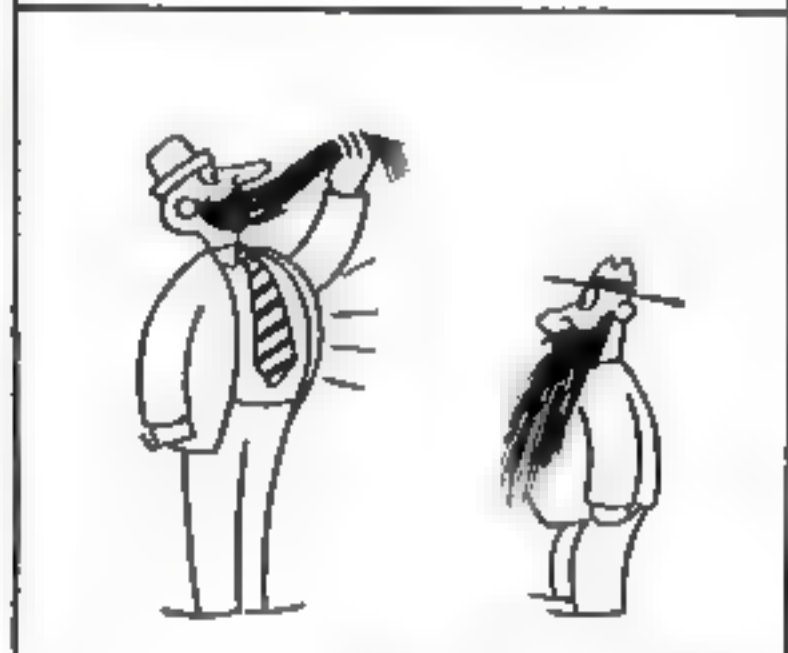


Mil scale was developed by U. S. Army artillerymen as a quick and easy method of estimating range and other dimensions at long distance. The mil is a unit, like the degree, of angular measurement. It is equal to $1/6,400$ of four right angles and hence divides the circumference of a circle into 6,400 parts. Each of the parts is $1/1,000$ of the radius of the circle. In a circle of 1,000 yards radius, therefore, one mil subtends an arc of one yard. Since chord (straight line connecting ends of arc) is not much shorter than arc, the mil is taken to measure the chord rather than the arc. In the picture above, therefore, with the target range known to be 4,000 yards, binoculars mil scale indicates the shell has burst 4 times 5 mils, or 20 yards to left of the target.



PRACTICAL USE OF SPACE, NUMBER

Here is a typical shop problem involving space and number which can be solved by elementary mathematics. Given the fragment of gear wheel shown, find its original diameter. Problem is solved by striking chord (AB) of arc, bisecting chord and erecting perpendicular DE. Measurement yields $3\frac{1}{2}$ in. as length of half chord (EA), 2 in. as length of perpendicular (ED). In the imaginary triangle BEF, side FE is extension of ED. Its length is the missing and unknown segment of diameter; hence it is marked x . Sides ED and EA in triangle EAD correspond respectively to sides x and EB in imaginary triangle. By Proposition 25 in Euclid, therefore, solution is in equation $\frac{x}{3\frac{1}{2}} = \frac{2}{x}$. Solving equation, $x = 6\frac{1}{2}$ in., and diameter $(x + ED) = 8\frac{1}{2}$ in.



HERE'S HOW EXPERTS MAKE TOMATO JUICE COCKTAIL!

To each 8 ounce glass of tomato juice add a teaspoon of Lea & Perrins Sauce. Serve ice cold . . . and see how it peps up appetites!





I'd never believed in love at first sight

AT LEAST NOT till four hours ago.

When my brother Bud stomped in, all snowy with the Ensign from his ship, I thought it would be just another one of those things.

But it wasn't. It was *special*—from the minute Ted and I looked at each other and couldn't look away.

I was suddenly glad I'd bothered to slip over the most comfortable chair, and wash lasky the cocker, and put on my periwinkle blue blouse.

What we had for dinner, I'll never remember.

But I'll never forget a minute of the evening afterward when Ted and I sat in the windowseat, talking and talking, with the street light for a moon and snowflakes for stars.

I told Ted about my job*, and he told me about his family, and somehow everything

was the way it should be. So real. So right.

Any time except wartime, it would be strange to make plans so soon.

But I find myself thinking about monograms, and grandmother's Winthrop desk that's in storage for me, and the International Sterling pattern I fell in love with...

Who's to blame me, if I dream a little? Of a one-story house on some shady street—a door with a brass knocker, to close behind us—the table set with our International Sterling, lovely to use, lovely because it reflects the peace and character of life the way we want it.

It *did* come true, I think. Just as Ted was leaving, he said, "Goodbye—but I hope we won't have to say it in any more times..."

I didn't blush. I looked right back into his eyes.

INTERNATIONAL is working full speed on war production and making less sterling, so your jewelry may not have all the pieces you want.

But no American complains about shortages. He knows that until victory is won, bullets are more important than butter knives.

So buy more War Bonds with your money— earmark some of them for International Sterling after the war. International gives you the lifetime satisfaction of knowing—

— that your sterling was made by the world's foremost silver house.

— that your pattern was designed by International craftsmen whose predecessors were creating spoons of coin silver 100 years ago.

— that pieces created by these craftsmen have been exhibited in leading art museums.

Copyright 1942 International Silver Company

***WOMEN! TAKE A JOB — HELP WIN THE WAR!**

YOU are needed now to help present a **CAVANAUGH'S** of all kinds.

It's up to you to help keep America **WIN**. You can do this best by taking a job in your own home town.

Choose a job from the War Ad section of your local paper. Or go to your U. S. Employment Service office for advice.

Do it today. The more women at work the sooner we win!

International Sterling



"SOME TONGUES SHOULD BE CANNED!"

say the 5 Crowns

When a gossip spills a rumor,
He's committing just the "bloomer"
That will benefit some unsuspected foe —

Hence a patriotic nation
Will protect the situation
In the manner that we illustrate below!



SEAGRAM'S 5 CROWN BLENDED WHISKEY. 86.8 PROOF. 60% GRAIN NEUTRAL SPIRITS. SEAGRAM-DISTILLERS CORPORATION, NEW YORK



SHAPELY SHOULDERS, SMOOTH AND WELL-TURNED LIKE THOSE OF BLANCHE BRIERLEY ABOVE, ARE A GREAT ASSET FOR THOSE WHO WOULD WEAR THE NEW BARE-TOP FASHIONS

BARE SHOULDERS

New fashions achieve startling effect with minimum of fabric

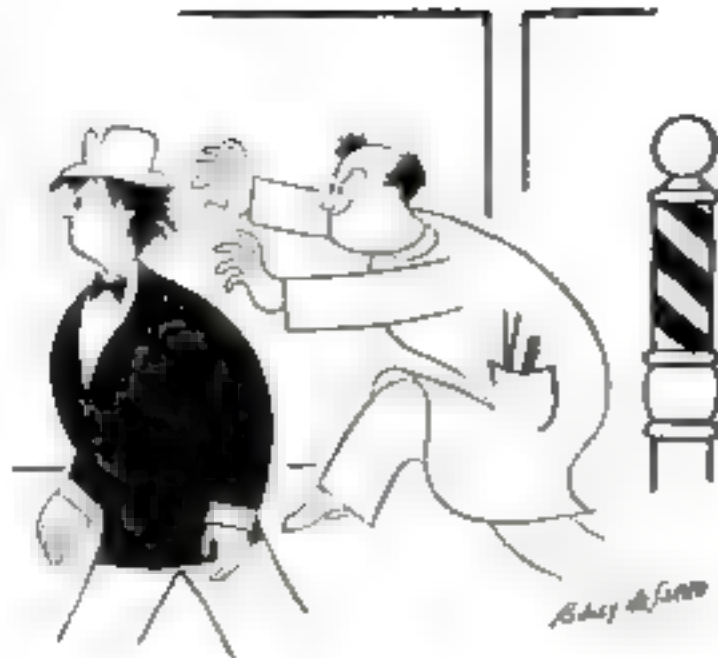
The dressiest women this fall and winter will be the ones least dressed. In the new fashions for dining, dancing and parties women have gone all out for fabric conservation. Shoulders are bare, arms and backs are bare and legs are exposed almost to the knee.

Charming as the new styles are, they are, in a way, a humorous if unintentional end of a Government directive. The fabric-restricting regulations issued last summer cut out frills and excess fullness,

but they did allow enough material for a complete dress with shoulders, backs and sleeves. The fashion designers went beyond that planned, conservative saving. The new dress-up dresses (see above and pages following) are mostly black, tight, sleeveless, neckless, start well below the shoulder and end just below the knees. Already *Vogue* and *Harper's Bazaar* are prescribing knee, hip and arm exercises that will better enable girls to fit into and look well in these styles.



**HOW GOOD
IS YOUR MEMORY?**



can you remember
to get your hair cut?



can you remember to turn the
thermostat back at night?



can you remember
which RUM to use
for a Rum Collins?

WHY burden your memory with a lot of "do's and don't's" about which rum to use! Start with the simple name "Government House Rum" and the rest is easy. The special label on the front of the bottle instantly tells you—in plain English—for which drinks that type rum is especially recommended.

And mixing drinks with Government House is simple as A-B-C. Recipes are on the bottle, too. Best of all, you're sure of rum drinks of delightful smoothness and superb flavor.

Your dealer will show you all three types of Government House Rum. Just pick the type for the rum drinks you like best. W. A. Taylor & Company, New York City. Sole Importers for U. S. A.



for ANY rum drink—all you need
remember is "Government House"



86 PROOF

86 PROOF

90 PROOF



Short and naked is the new look in after-dark clothes. To wear them well a girl should be slim-hipped, long-legged and have pretty arms and shoulders. The dress at right (above) has one shoulder bare, a big bow and slanting neckline, which helps



hide half of a bony neck. The dress at left is one of the least extreme naked-top fashions. Low-cut fashions like those above and on the preceding page are expected on long party dresses. They are startling and strange with the new short skirts.

CONTINUED ON NEXT PAGE



MEDICAL MISSION!

An urgent request for medical supplies is received from an isolated outpost. Dressings, drugs, plasma . . . all needed in a hurry. Terrain too tough for land vehicles.

But, the vital, life-giving supplies go through to their destination quickly and surely in the Piper L-4 "Grasshopper." Parachutes carry the precious cargo to our hard-fighting boys. Wounds are healed, lives are saved . . . thanks to this wartime version of the famous Piper Cub.

It also directs artillery fire and troop movements, acts as a scout, transports officer personnel and delivers messages. The Piper L-4 is ideal for these duties because of its remarkable maneuverability and because it can land quickly almost

anywhere and be hidden easily.

These wartime uses and developments in design promise you a finer, safer, more economical peacetime Piper Cub.

FREE BOOKLET ON HOW TO FLY. Send today for your copy of "You, Too, Can Fly!" If you also want the full-color Piper catalog, enclose 10c in stamps or coin for postage-handling. Piper Aircraft Corporation, Department L113, Lock Haven, Penna.

16mm. SOUND FILM—"The Construction of a Light Airplane." For distribution points write Supervisor, Audio-Visual Aids, Extension Services, Pennsylvania State College, State College, Pennsylvania.

★ ★ ★
PIPER *Cub*
Points the Way to Wings for All Americans





A SPECIAL PREPARATION FOR SHAVING

FOR THE 1 MAN IN 7 WHO SHAVES DAILY

**It Needs No Brush
Not Greasy or Sticky**

Modern life now demands at least 1 man in 7 shave *every day*—and men in service must get clean shaves, too. Yet daily shaving often causes razor scrape, irritation.

To help men solve this problem, we perfected Glider—a rich, soothing cream. It's like "vanishing cream"—not greasy or sticky.

SMOOTHS DOWN SKIN

You first wash your face thoroughly with hot water and soap to remove grit and the oil from the skin that collects on whiskers every 24 hours. Then spread on Glider quickly and easily with your fingers. Never a brush. Instantly Glider smooths down the flaky top layer of your skin. It enables the razor's sharp edge to *glide* over your skin, cutting your whiskers close and clean *without scraping or irritating the skin*.

ESPECIALLY FOR THE 1 MAN IN 7 WHO SHAVES DAILY

For men who must shave *every day*—doctors, lawyers, businessmen, service men—Glider is invaluable. It eliminates the dangers frequent shaving may have for the tender face and leaves your skin smoother, cleaner. Glider has been developed by The J. B. Williams Co., who have been making fine shaving preparations for over 100 years.

SEND FOR GUEST-SIZE TUBE

If you want to try Glider right away, get a regular tube from your dealer. If you can wait a few days, we'll send a generous Guest-Size tube for a dime and any used metal tube. It is enough for three weeks and is very handy for traveling.

On this test we rest our case entirely—for we are positive that Glider will give you more shaving comfort than anything you've used.

Send your name and address with ten cents and a used tube to The J. B. Williams Co., Dept. CG-16, Glastonbury, Conn., U. S. A. (Canada: Ville La Salle, Que.) Offer good in U. S. A. and Canada only.



Wrong choice for women with bony chests is this type of bare-top dress. Women with prominent collarbones should hide them, expose arms and back for bare-top look.



Also wrong is this bare-shoulder dress for women with fat upper arms or dowager's hump. Top-heavy or skinny women should settle for the plunging V-front neckline.



"ALL YOU'VE MENTIONED WAS MY NEW GLOVES. DON'T YOU LIKE MY DRESS?"



BOLS

Liqueur Monastique	86 Proof
Creme de Menthe	60 Proof
Distilled Vodka	86 Proof
Apple Brandy	63 1/2 Proof
Silver Top London Dry Gin	94 Proof

Product of Argentina

Sole Importers: G. H. Munro Champagne
& Co., Inc., New York City
W. J. Mulligan & Co., San Francisco, Calif.

**ALL HANDS,
ATTENTION!**



**Action-Fit*
GLOVES
FOR MEN**

Styled to look better, fit better, wear better because they're Action-Fit*—an exclusive Albert Richard tailoring achievement combining perfect fit with full finger freedom! Many new styles in soft, long-wearing leathers. At your favorite store. *U.S. Pat. Off.

Division of
**FRIED, OSTERMANN
COMPANY**
Milwaukee, Wis.

**Action-Fit*
Coats Jackets
Gloves Mittens**
ALBERT RICHARD

AT TIMES YOU CAN'T GET

**Wedgewood
PANETELAS**

Our production is limited and we satisfy the demand of the boys in service, first.

BUT if your cigar store happens to have them—and if your taste runs to quality rather than size, you may find a new smoking thrill in WEDGEWOOD.

A GOOD
5¢
CIGAR

PENNSTATE CIGAR CORP.
ALLEGHENY AVE. & ROUDINOT ST., PHILA., PA.

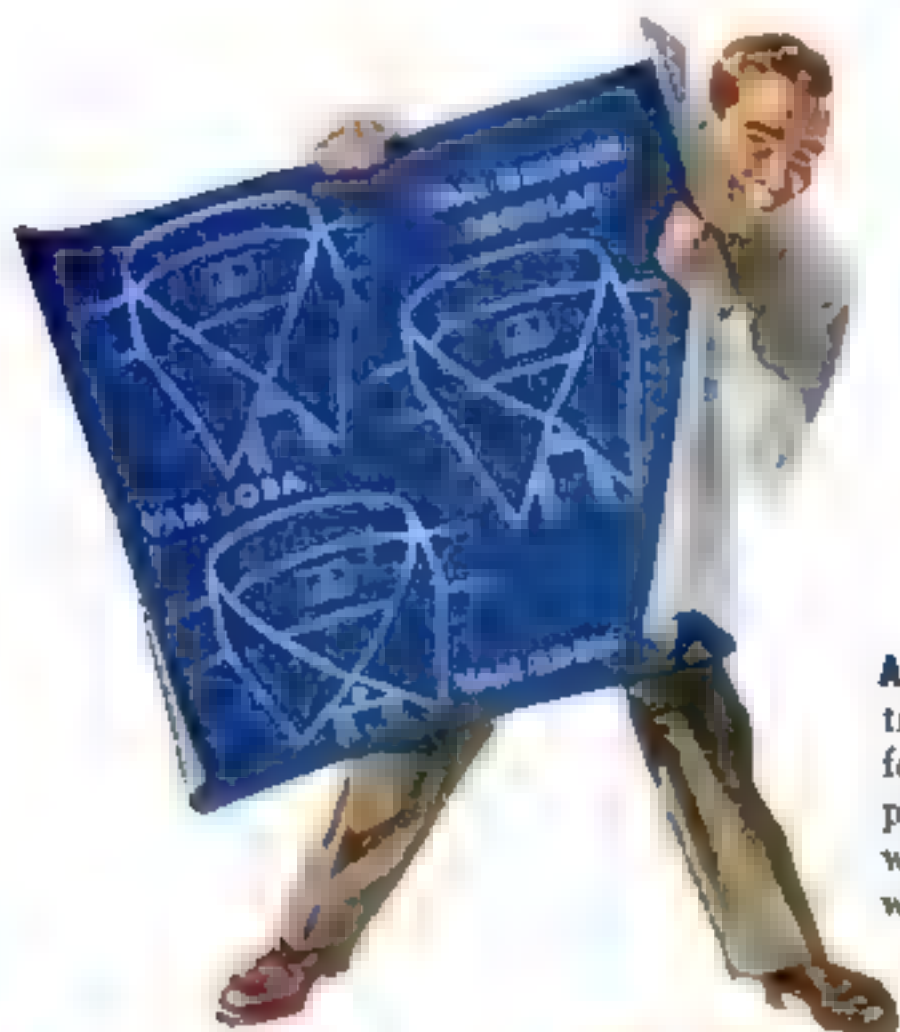
BLUEPRINT FOR COLLAR COMFORT—



First, we designed a white shirt with every quality feature possible—expert styling, fine materials, famous workmanship... and most important, a wonderful collar—woven, not just sewed, but woven—to fit the human neck.



That's the collar on the Van Heusen Shirt—no other like it! Looks starched but isn't...can't wilt or wrinkle. A smooth, more comfortable collar, woven in *one* piece instead of the usual *three* layers of cloth, with no lining to buckle.



And styled to fit your face—in three distinctive collar types that keep their comfort, style and good looks through repeated laundering. (Can't be ironed wrong either, because the foldline *too* is woven in!)

Van Heusen Shirts, \$2.25 and up

Only the Van Heusen Shirt has the famous Van Heusen collar attached!

HERE it is in blue and white—why the collar on Van Heusen white shirts hold their shape and neatness through more hours of continuous wear—*without the use of starch*—than any other shirt collar known. No other shirt has a collar like it. No other shirt can have it!

To get today's smartest shirt, with the only collar of its kind—made to give your neck a break—ask for Van Heusen Shirts. Quality tailored, figure-fitting, Sanforized and laundry-tested. Van Heusens also come in a wide variety of patterns and collar styles. Phillips-Jones Corp., New York.

Van Heusen Shirts

SHIRTS • TIES • PAJAMAS  COLLARS • SPORTSWEAR



EYES THAT SAY... *"You are the one"*

©1945 WHITMAN & SON, INC. PHILADELPHIA



Token of romance, Whitman's Sampler abounds with fine chocolate coated fruits and creams, nuts, caramels and other rare good things.

'Twas ever thus... it's the thoughtful things a fellow does that win a lady's favor

Whitman's

CHOCOLATES



BUY MORE UNITED STATES WAR BONDS AND STAMPS ★ ★ ★ A WOMAN NEVER FORGETS THE MAN WHO REMEMBERS



THIS IS THE 300 BLOCK ON PROGRESS AVENUE IN HAMILTON, OHIO, SITTING IN SUNNY PEACE ON A QUIET AUTUMN AFTERNOON

AN AMERICAN BLOCK

WAR HAS MADE FEW MARKS ON PROGRESS AVENUE

The 300 block on Progress Avenue in Hamilton, Ohio, runs from Rea Street to Gray Street. Its two-story frame houses, some white clapboard and some brown shingle, are all set back from the sidewalk by pieces of lawn. Maple and sycamore trees, their branches arching into each other over the roadway, grow in two straight rows down the block. The fallen leaves nuzzle in dry piles along the gutters.

Hamilton, Ohio (pop. 55,000; industries: paper, tools, safes) is 25 miles north of Cincinnati on the

Greater Miami River. But the 300 block on Progress Avenue might be many places in the U. S. It is, in a way, an American Anyplace—plain, satisfied, friendly. A small-city American who wanted to see how war has wrinkled the face of his own home-town block would find it today very much like this 300 block.

War has not yet scarred nor even deeply marked this block. Famine in China, blood in Russia, horror in Europe, suffering in Britain have all been buffers between the block and the misery of war. The frenzy

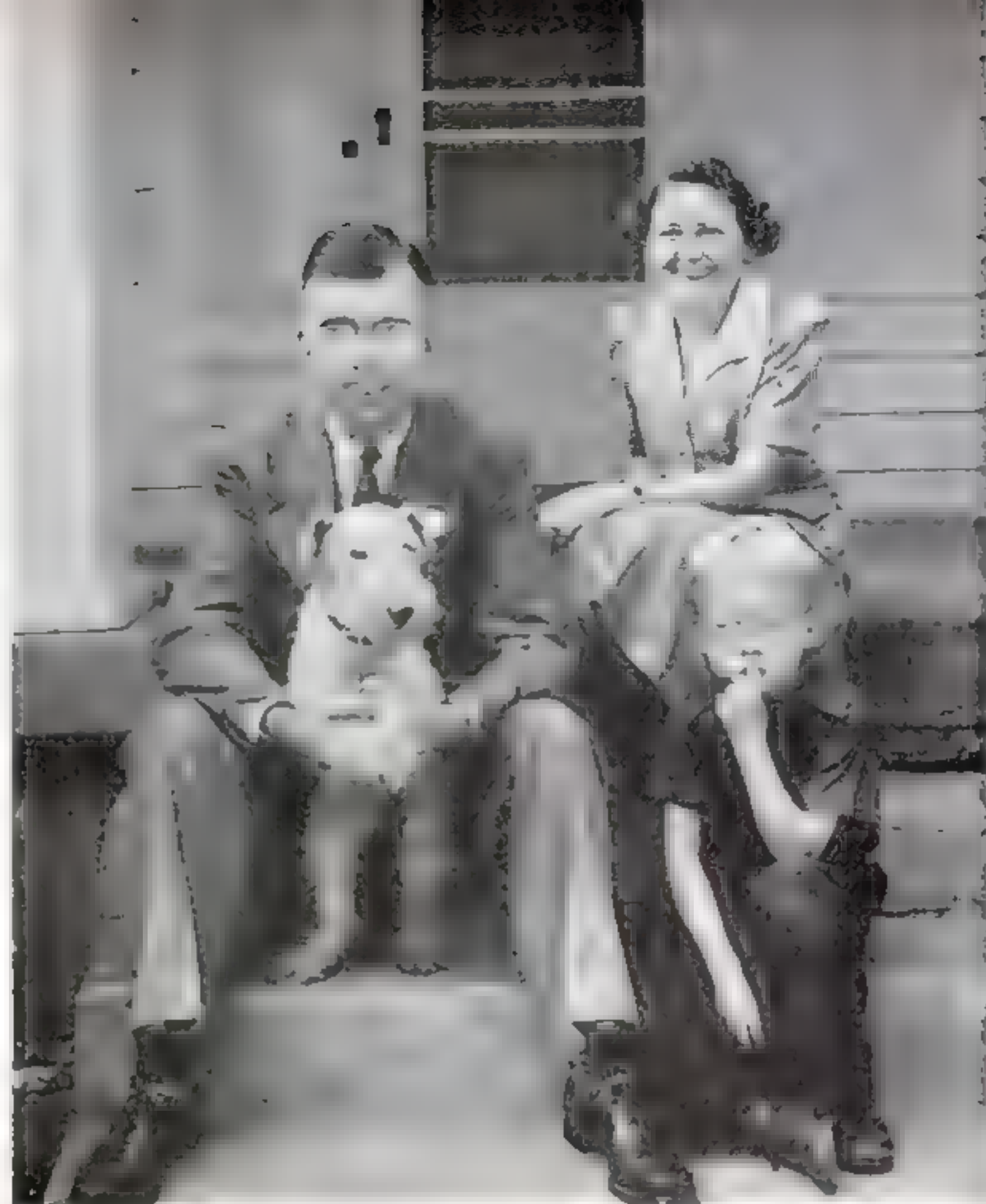
of American war-boon towns finds no reflection here. The war has invaded the block in little ways—the half-serious attention paid to the air-raid drills, the grumbling acceptance of rationing, the careful allotments for war bonds, the wiling work for Red Cross.

The block has no hypocritical ideas about having had to make great sacrifices for the war. So far, it has gone ahead, doing pretty much the job it has been asked to do, grateful that the war has not radically changed the pattern of its busy, comfortable life.

AN AMERICAN BLOCK



THE STOUTS have lived in the block 21 years. Patricia, 19, Don, 14, and Dick, 14, are all in high school. Patricia is a draftsman, a student at Methodist, a great reader. Mrs. Stout is a book lover. She saves glass, tin cans, buys birds, makes most of her own clothes. Don has rheumatic fever, can't go around.



THE WINKLES bought their house four years ago. Mr. Winkle teaches mathematics at Wilson Junior High School. The war's energy shortage has given him an extra job. He works each week for a magazine distributor. Mrs. Winkle keeps a neat house, saves tin cans and does Red Cross work. Jim and his dog Whitey are inseparable. The Winkles miss their Sunday drive to the country.



THE RUHLS are a small family now with two daughters married and Paul Jr. a private. Ruhl, foreman at Messer Safe Co., lives with his daughters Marie and Marcia and Mrs. Wise, his mother-in-law. Mrs. Wise, though 76, is a fine cook and housekeeper. On Sundays whole family, including great grandchildren, usually comes home for dinner.



THE THOMSONS rent their house. Almost all other families in block own their homes. Busy Matt Thomson is Boys' Work Secretary at the YMCA, loves a hot discussion. "The U. S. must live in a world family of nations," is his pet theme. He is a blood donor, buys bonds. Mrs. Thomson saves tin cans. Mary Ann is the prettiest child in the block and David, 2 months old, is the only infant.



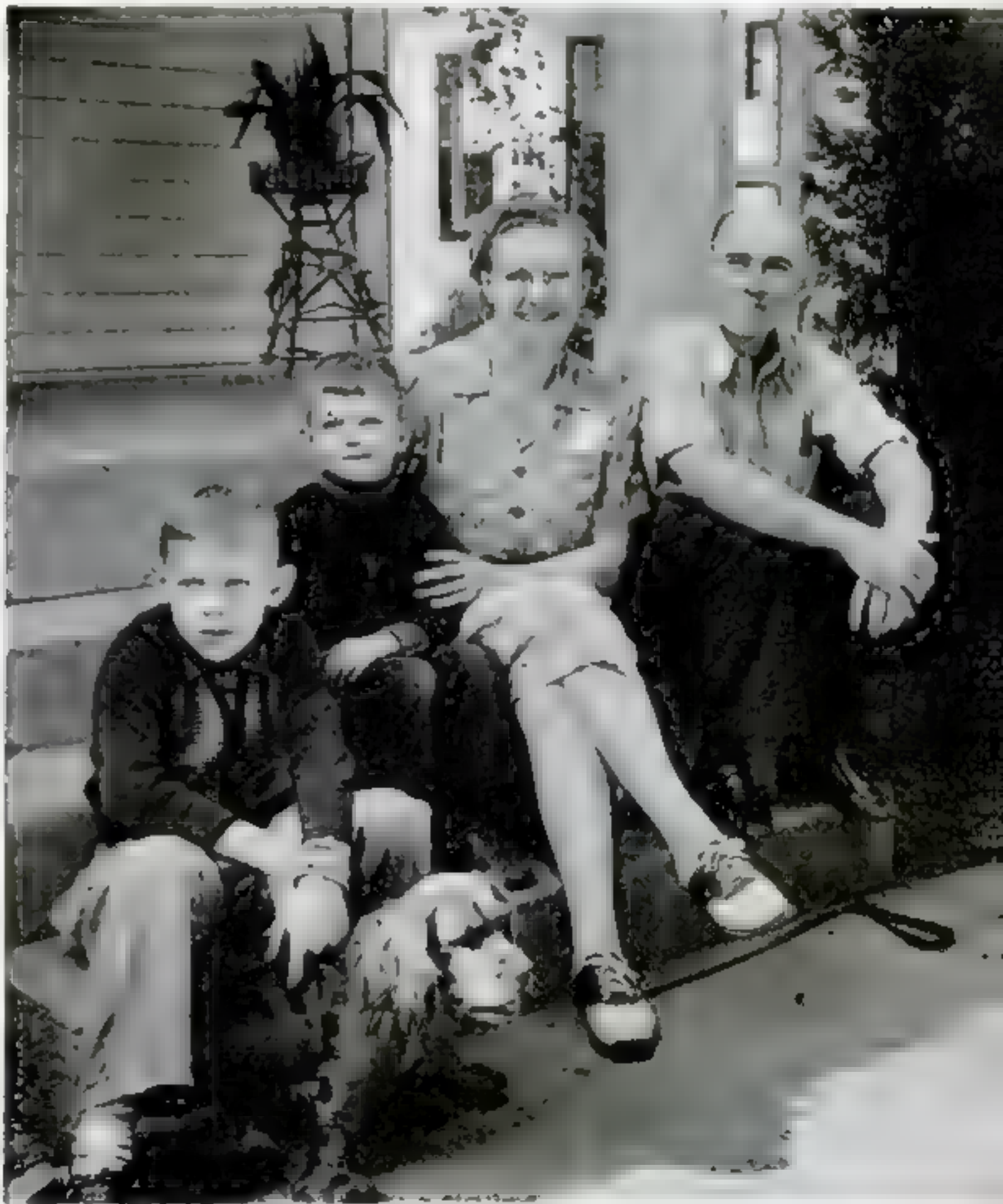
THE SCHWARTZES bought their house nine years ago. Mr. Schwartz, the third generation in the Schwartz meat business, serves as an auxiliary policeman for the Office of Civilian Defense. Mrs. Schwartz rolls and manages two days a week at the Elks Club. They had a small, successful victory garden growing in their backyard this year and also raised rabbits. The dog, Queenie, is Suzanne's pet.



THE LOWELLS built the big house on the corner 23 years ago. They have the only maid in the block. Harry, the only son, is 16. Rita is at Northwestern. Lenore is in nurses' training in Washington, D. C. and Mary, above, is a social worker in Cincinnati, comes home weekends. Dr. Lowell is chairman of Medical Preparedness Committee.



THE BRUNERS are the block's busiest family (see page 100). Mr. Bruner works at the Champion Paper & Fibre Co. Mrs. Bruner works at the Robinson-Schwinn Department Store from 9 a.m. to 2:30 p.m. Dolores is at school all day. Jack, 11, and Steve, 6, have to fend for themselves at lunch. Mrs. Bruner feels the extra money she makes, which goes for bonds, is more important than a tidy house.



THE KESTERMANNs caused talk, though not unfriendliness, at the war's beginning. Mr. Kestermann, an electrician, is not a citizen. He has his first papers, has been in the U. S. 18 years, has lived for 14 of them in the block. Mrs. Kestermann says it's no disgrace to have been born in Germany, "A lot of Ohio families came from there."



READING THE COMICS is Sunday "must" for youngsters. Jerry Tillet holds sheet as Jim Winkle (with glasses) who is 7, reads. Jerry and Rolf Kestermann, the third boy, are 5. Dog is Jim's Whitey.



RAKING THE LEAVES is a daily chore. City trucks collect the leaves. Mrs. Henncherger (above) is so tidy the neighbors say "she even dusts the coal." Below, Mrs. Thomson takes David for a stroll.



AN AMERICAN BLOCK (continued)



DELIVERING THE MAIL is Earl Newton's job. He has been postman for about 20 years. Even if wrong number is not on letter he knows where to deliver it.

IT STILL ENJOYS ITS PEACEFUL WAYS

The block's first noise in the morning is the banging of doors as the children dash off to school. Most of the men have already walked to the corner to take the bus for factory or office. The women are busy clearing the breakfast dishes, making beds, figuring the market list, putting out the baker's sign so the wagon will stop to leave bread or cake.

After the mailman comes by, Mrs. Julia Nicholls goes over to the Stout house to tutor Don, who has rheumatic fever. Mary Ann Thomson, too young for school, squeaks along the sidewalk on her tricycle. When school is out the block gets lively with children again. On Sunday people come out on their porches, stroll down the front steps to hear what the neighbor's soldier son said in his last letter. The Harmon girls, who dress like twins but aren't, clatter down the street on skates. The older boys swish through piles of leaves on their bikes. When suppertime comes the older folks call to their children who call to their dogs. Then the block is quiet again.

This is a very lucky block in a world so full of misfortune. It accepts its luck without questioning it. But in the even current of its life, the block has a tremendous reserve of power, a great strength built up by its peaceful ways. Before this war is over, the block may have to draw on its reserves of strength and, even more, of courage. For, though it has not yet seen hard times, it almost inevitably will have hurt and heartbreak.



DELIVERING THE PAPER is Karl Bohlander's job. He comes by every weekday afternoon, flips the *Hamilton Journal-News* on to each subscriber's porch.



DOING THE WASH is, of course, a Monday chore and the backyards are filled with the gay colors of dripping clothes. Mrs. Schwartz (*left*) and her neighbor, Mrs. Lucille Root, have

none of the washday worries of English housewives, who must get along on one pound of soap a month and a few gallons of hot water. This looks like a heavy wash for a family of three.

AN AMERICAN BLOCK (continued)



JANET FRITZ, block's glamor girl, has plenty of weekend dates because Navy men are training nearby. Daytimes she is a stenographer, two nights a week volunteers as Nurses' Aide.



MATT THOMSON stays home with baby odd Saturday nights so wife can go to movies. Once they would have hired capable "auntie" Now only inexperienced girls are available.

IT WORKS MORE AND HAS LESS TIME FOR FUN

Hamilton is not a war boom town where people have to scurry for food, housing and the simplest comforts. The people in the block have more money than they used to have. But they also have more work and more expense. To hear them talk, they feel the war mostly because they can't drive to the country on Sundays. They think rationing isn't as bad as it could be but is still a nuisance. They don't see how they can buy more war bonds with all the taxes piling up. They worry quietly about their boys in the service.

The men in the block argue and disagree. But they all admit they want two main things: they want the war over with fast and they want a practical peace that will keep war away from the block from then on. In its 25 years, the block has gone through boom, depression and war. Most of the mortgages are paid off now. The trees have grown taller. But otherwise the block hasn't changed much and doesn't expect to change. It will still be the same when the boys come home. Probably this is just what the boys will want.



ALL-OUT WAR FAMILY are Bruners. Bob, eldest child, 21, is a corporal technician in Scotland. His star hangs in the window.



DAILY LETTER to Bob is written either by Mrs. Bruner or her husband. Bob sent her the pillow from a camp in U. S.



AN OPA PLEDGE to abide by prices and rules is signed. Block Leader Mrs. Stout distributes pledges.



IN A BACKYARD FOXHOLE at Winkle house Jim Winkle and his friends play a new wartime game. Mrs. Winkle

couldn't buy any steel toy helmets so Jim commandeered her aluminum mixing bowl. Billy Kestermann (right) and his

kid brother (under the cap) are good children. Guns are made of wood but Billy can make his sound like a machine gun.



OVERSEAS BOX for Bob is packed with candy, socks, talcum, cigarets and nuts. Sister Dolores helps.



AS A NURSES' AIDE, Mrs. Bruner is on call one night during week and every Sunday night for emergency duty.



SOLITARY MEALS for Mr. Bruner are a necessity since wife took job in a department store to keep up 10% bond payments.

AN AMERICAN BLOCK (continued)



THROUGH THE WINDOWS almost any night, someone walking down block would see scenes like these. This is Wanda Lee Steeles, who plays the piano very prettily.



THE CITY'S FIRE CHIEF, Bob Harmon, likes to sit home at night and read the paper while the radio is on. Bob was made chief a few months ago. O.C.D. meetings have cut down his nights at home.



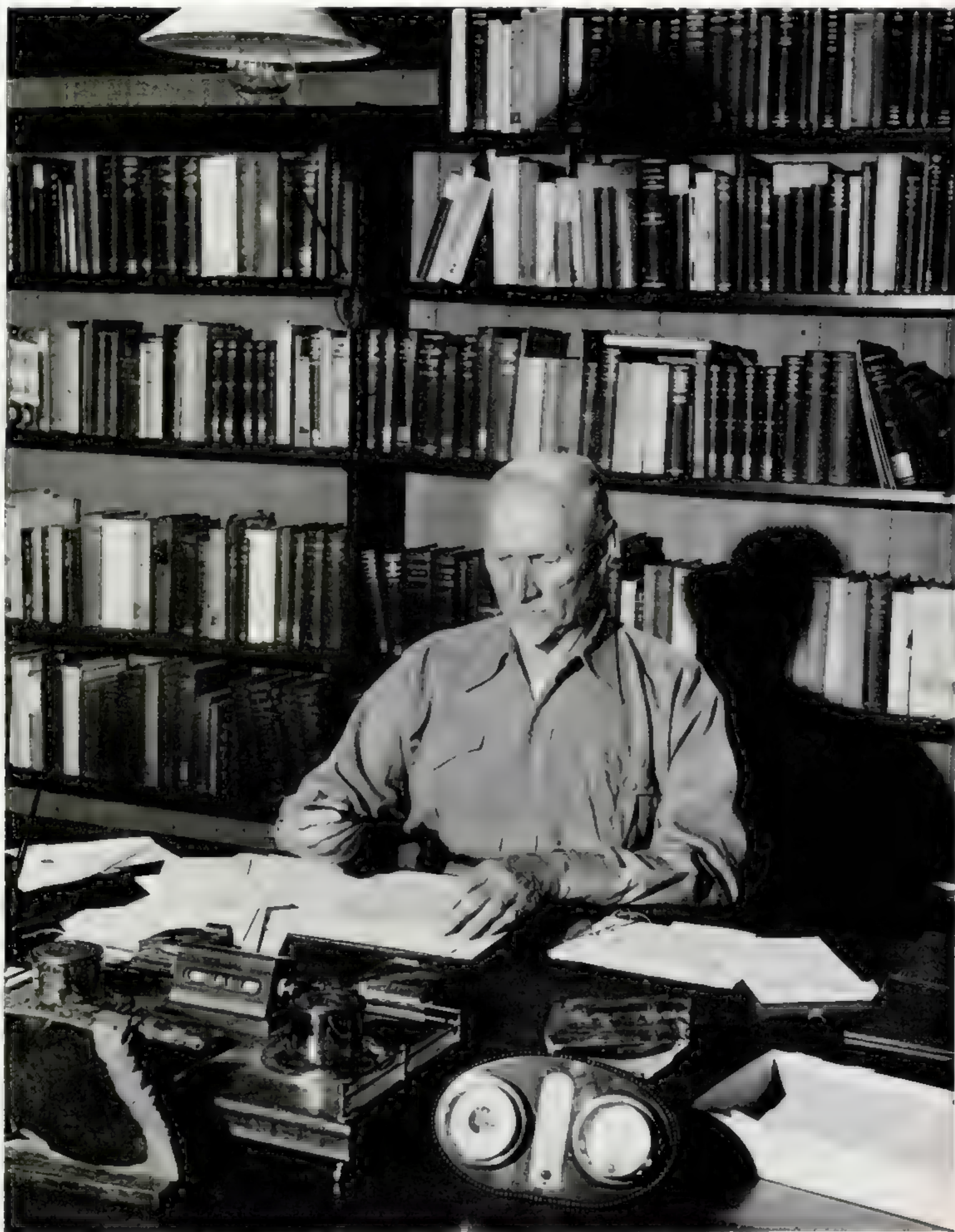
THE VON STEINS are homebodies but John Von Stein may be called any time during night to repair machinery at the Niles Tool Works. Their son, Ralph, is in Navy.



GRANDMA WULZEN is a fine storyteller for Nancy Jo, her 4½-year-old grandchild who frequently spends the day with her. One of the Wulzen boys is in Navy. He is a lieutenant commander.



**ALONE IN HER BIG HOUSE SITS THE WIDOW,
JULIA BRAUN. HER ONLY SON IS IN IRAN**



FIELD MARSHAL SMUTS, in library of his house at Irene, near Pretoria, wears old clothes while working at his

cluttered desk. Famed as a statesman, philosopher, soldier, politician and scientist, South Africa's Prime Minister and

No. 1 citizen enjoys simple surroundings and unpretentious pleasures. Smuts's library contains 10,000 volumes of all sorts

JAN CHRISTIAAN SMUTS

The Prime Minister of the Union of South Africa, now in London, is an elder statesman with unique prestige and power

by NOEL F. BUSCH

Jan Christiaan Smuts (pronounced Smuts), who, as Prime Minister of the Union of South Africa, is currently one of the five most important individuals in the United Nations war effort, is a pink-checked, kinetic old gentleman with a white goatee who, when at home, lives in a tin house ten miles from Pretoria, his capital.

Smuts's house is a unique edifice surrounded by scraggly grass and crammed with elephant tusks, walking sticks, small fry, stinkwood furniture, books, Post Toasties cartons and old bits of railroad track. He bought it secondhand for \$1,500 in 1906 and had it moved piecemeal, like a Hearst monastery, from a nearby town where it had been used to house British officers during the Boer War.

Smuts's method of acquiring a house was characteristic. It illustrates a philosophy named holism which he invented and wrote a book about in 1916. Holism, from the Greek word meaning "whole," argues that nature abhors not only vacuums but incompleteness of all sorts. Smuts's entire career has been a holistic enterprise of collecting spare parts into workable entities. His present preoccupation, that of arresting the disintegration of the world in general and the British Commonwealth of Nations in particular, is the biggest thing he has so far attempted but it is quite in line with his lifelong principles.

Smuts's concern with preserving what used to be called the British Empire goes back 40 years. After South Africa's defeat in the Boer War, in which he was a Boer general, he decided that South Africa's future was indivisibly bound up with Great Britain's. Accordingly, he not only fought hard for the Allies in the last war but put down an anti-British rebellion that threatened to divide South Africa at its outset. In addition, he gave the Empire its present official designation in a famous 1917 speech, wherein he redefined the enterprise along holistic lines. After World War I, Smuts tried to apply holism to the whole globe by means of the League of Nations, which Woodrow Wilson borrowed from him, lock, stock and barrel. When the League failed, Smuts became all the more convinced of the value of the Commonwealth as a sort of makeshift, tin-walled substitute.

At the start of World War II, Smuts, who had been predicting it since 1919, was not even South Africa's Prime Minister. Despite this, and despite the fact that nearly half of the electorate wanted neutrality if not, indeed, a German victory, Smuts contrived, in short order, to get his country into war. This procedure, the direct opposite of Franklin Roosevelt's, has so far turned out well. Conscription is impractical in South Africa but since 15% of its white male population got into uniform anyway, it proved to be unnecessary. South Africa's native population of 8,000,000 has also been surprisingly cooperative. Even its half million or so die-hard Boers, who regard this war, like the last one, as a heaven-sent chance to resume their own antique, anti-British struggle for independence, have at least been much less mischievous than they were in World War I.

Smuts's proven competence to handle the tricky

problem of South African war politics is predicated on his unique position as a convert who is trusted by South Africans of British descent and most of the Afrikaans (i.e., Dutch descent) element in his own country. At the same time, his importance to the United Nations war effort as a whole is by no means attributable solely, or even chiefly, to this competence, although it springs from the same causes. Even greater than his great value to the Commonwealth as a unifying factor for South Africa is his value to the Commonwealth as a unifying factor for the Commonwealth itself and as an apologist for the Commonwealth to the world outside it. As such, Smuts is in a class all by himself.

Smuts's peculiar significance in this respect, first recognized in the darkest days of World War I, has increased with the passage of time. This was established a year ago when, in the darkest days of World War II, he went to London to deliver, with unique authority, a moving plea for and a defense of Commonwealth unity. While his 1942 prophecies as to the future of the war were being substantiated by the defeat of Rommel and the invasion of Italy, Smuts went back to South Africa to attend to the chores of getting re-elected and squashing the last remnants of South Africans' pro-Axis fervor. Last week, having done so, Smuts was back in London again, ostensibly to attend a meeting of Commonwealth representatives and confer on strategy with his old friend Winston Churchill, but actually perhaps even more to revive his Commonwealth unity act against a new and handsomer setting.

A symbol of Commonwealth goodwill

This time, with victory apparently on the way, Smuts's job was less to plead for or defend the Commonwealth than to advertise his faith in its good intentions to the outside world. Smuts did this with his customary neat holistic blend of adroitness and sincerity. He delivered a London speech which contained an eloquent and, in view of the Moscow conference, opportune tribute to Russia's current achievements; a heartening passage of praise for the Commonwealth's strategic victories; and, most significantly, some words of hopeful commendation for a U. S. war effort which he implied lay largely in the future.

In London, Smuts delivered to the Prime Minister a case of fine old South African brandy, sat in on afternoon meetings of the war cabinet, told reporters he thought the war in Europe would be over in 1944 but that its bloodiest battles remained to be fought. From a flattered photographer who came to take his portrait, Smuts got some free advice about using his own movie camera with which he had photographed the House of God, south of Nairobi, on his flight through Africa. Wearing his Boer War ribbons, he inspected bomber and fighter commands, staying overnight to watch operations. Smuts's round of social activities in London a year ago exhausted his aides. This time his pace seemed even livelier.

With the possible exception of Winston Churchill, Smuts is the only statesman now active whose career, as such, includes both wars. His first appearance as a major figure occurred when, in 1898, he was made State Attorney of the Transvaal in the cabinet of the famous Boer President, Paul Kruger. Smuts was then a weedy, peaked little specimen who nearly got the hook immediately on the grounds of his appearance. The Boer War toughened him up; World War I gave him assurance; and a period of political obscurity between 1914 and 1933 gave the strange alloys of his character time to coalesce into the rare, hard, springy steel of a polished elder statesman. At 73, Smuts's behavior suggests that he may not only have a role in winning the war but an even bigger one in making the peace than he did the last time. If so, the peace might well be a sound one.

Far from wearying Smuts, his present schedule merely serves to keep him in good humor and on the lookout for new interests. Smuts's hobby is botany which he regards, holistically, as a sort of department of philosophy. In line with this view, he is also a biologist. Biologist Smuts is just as interested in minutiae as Statesman Smuts is in new worlds. A few months ago his secretary, summoned to the office between appointments, found the Prime Minister crouching in a corner inspecting a cricket. An expert on South African insects, Smuts had detected a new timbre in the creature's chirp which made him suspect it of belonging to an unfamiliar species. When the secretary also failed to identify the bug, Smuts was delighted. He caged the cricket in a matchbox and dispatched it to the Bureau of Agriculture for identification.

Just as Smuts takes a holistic view of history, history has always taken a holistic view of Smuts. It has included him in almost everything at all costs, and went all the way to the unlikely corner of the world where he was born (on Queen Victoria's Birthday, in 1870) to surround him with major personalities and happenings before he was out of knee breeches. Reared in the Cape village of Malmesbury, where his father had a prosperous farm, Smuts started school at 12. By the time he was 16 he was teaching a Sunday-school class of whom the star pupil member, Daniel Francois Malan, grew up to become one of Smuts's chief political opponents. Smuts's first encounter with his other great rival, the late James Barry Munnik Hertzog, was delayed only until he went to Victoria College at Stellenbosch, near Cape Town.

So little was Smuts himself aware of what history had in store for him that before going to Stellenbosch he wrote a letter to the registrar saying that he feared the influences of college might corrupt him. Smuts's fears about Stellenbosch were notably ill-founded. Currently a fountainhead of South Africa's anti-British influences, Stellenbosch, which looks like a small suburb of heaven, was then as good as it was pretty. Far from being exposed to bad influences there, Smuts was immediately exposed to the best and most lasting one of his career. This was

CONTINUED ON NEXT PAGE

Perfect Team-Mates for *Freedom of Action*

Kut-Ups for Me! Wear a Health-knit Kut-Ups shirt and see for yourself how this shirt, with the patented "Kut-Ups" feature ends undershirt discomfort. It's engineered to fit every action of your body—it can't creep, crawl, or bunch up in your lap. When you tuck it in, it stays tucked, for keeps. Treat yourself to this new snug warmth with "Freedom of Action" today!



MAC DEES the choice! Join the thousands of men who have found new comfort, gentle restfulness in the automatic support Healthknit MacDees afford. The scientific cantilever principle combats fatigue and conserves strength. Note the new comfortable, long-lasting, adjustable waist band with elastic insert in back. If you work inside, you'll prefer Mids—for outside the Knee-Length or "Anks."

Healthknit
TRADE MARK REG. U. S. PAT. OFFICE
Kut-Ups - MAC DEES

STANDARD KNITTING MILLS INC., KNOXVILLE, TENN.

**All-Time Favorite
California-Styled
HOLLYWOOD
Rogue Shirt**

At Your Dealer

Dedicated to your off-duty hours—this easy-fitting, beautiful, comfortable shirt. Wear it inside or outside your slacks—it's equally SMART!

HOLLYWOOD ROGUE SPORTSWEAR, Inc.
1411 N. Highland Ave. • Hollywood, Calif.
\$5.00 to \$12.50

THE B. V. D. CORPORATION
Empire State Building • New York, N. Y.
\$2 to \$4.50

Hollywood Rogue Shirt is patented and its name is registered. With patent and name are the property of Hollywood Rogue Sportswear, Inc., Hollywood, Calif.

You can
depend on them

RONSON

WORLD'S
GREATEST
LIGHTER

Prove It's LIT! Release It's HOT!

RONSONS are the tried and true companions of our armed forces the world over... made today for them only and obtainable by them exclusively through government agencies. Available in millions after Victory.

NOTE—If your RONSON needs attention, send it to RONSON (Service Dept., Newark 2, N. J.) for servicing at minimum cost.

Buy genuine RONSON "Flints," Wicks and RONSONOL (Fuel)—Tops for all lighters.

BACK THE ATTACK! BUY WAR BONDS



STROLLING through grounds at Doornkloof with Mrs. Smuts, Prime Minister examines grass-blades. Mrs. Smuts makes some of her own clothes and knits for children.



BEDROOM at Doornkloof shows the Prime Minister's simple way of living. Like many prosperous South African farms, Doornkloof has little plumbing and no furnace.

SMUTS (continued)

Sybella Margaretha Krige whose family lived across the street from his boardinghouse. Smuts persuaded "Isie" Krige's father to let her attend classes at Victoria College, an unusual procedure since there were only three other girls in the whole school. Thereafter, Smuts and lively little Isie walked to their classes together every day. Their wedding took place in the Krige parlor eight years after their first meeting, by which time Smuts was Kruger's State Attorney.

Smuts's encounter with his future wife was whispered proof of history's determination to include him. More audible indications were provided two years later when the celebrated Cecil Rhodes, then at his empire-building zenith, came to Stellenbosch to make an address to the students. Encouraged by Isie, Smuts had by this time conquered his diffidence so far as to become the star member of the Stellenbosch debating club. After Rhodes's speech, the professor on the platform stepped down, walked past the seniors in the front row and coming to Smuts, a junior, asked him to reply to the great man. Rhodes admired Smuts's speech and said when he had finished: "This fair-haired young man will go far." Smuts was already on his way.

At Stellenbosch, Smuts had decided to work for the scholarship at Cambridge given each year to South Africa's star scholar. Advised by his professors that two other students might surpass him, one in the science and one in the arts examination, Smuts hit on the thoroughly holistic idea of taking both at once. Second in each, he got the scholarship. At Cambridge, Smuts holistically compressed a two-



SMUTS'S SPECIALTY in botany is grass, one of South Africa's chief problems. He hopes to develop strain that will withstand Union's hot suns and frequent droughts.



BOOK-LINED PASSAGE leads from the entrance hall at Doornkloof to world-famous library. The family umbrella stand is a shell-case souvenir from World War I.

year law course into one year. When he got back to Cape Town, his holism took the form of law, journalism, and a political apprenticeship under Rhodes. A few weeks after Smuts had made a brilliant speech defending his scheme to unify South Africa peacefully, Rhodes was dramatically found to be implicated in the Jameson Raid, a scandalous effort to unify the country by an ill-planned armed *coup d'état*. The Jameson Raid looked at first like a severe setback to Smuts's budding political career. The young man converted it into an advance. He denounced Rhodes and, to dramatize the break as clearly as possible, went to Johannesburg near Pretoria, seat of Rhodes's bitterest opposition. There he encountered college friends who were, also perhaps by the workings of holism, nephews of Kruger. The hard-boiled, scantily-educated old president of the Transvaal Republic thought Smuts, as a soft-boiled, well-educated young barrister, might well come in handy and made him a protégé.

While Smuts was State Attorney, history, which had already put Malan, Hertzog, Rhodes and Kruger in his path, contributed another, more incongruous personage. This was a bedraggled Hindu lawyer who made a habit of getting thrown out of first-class railroad compartments, law courts and hotels for not observing the conventions prescribed by South African custom for Indian immigrants.

History erred in this case by not giving Smuts any clue to the Hindu's identity except his name, which was Mohandas K. Gandhi. Smuts had no way of knowing that Gandhi's reactions to the local Jim Crow laws would be projected in major fashion elsewhere later on. This was unfortunate, because if he had handled Gandhi along

CONTINUED ON NEXT PAGE

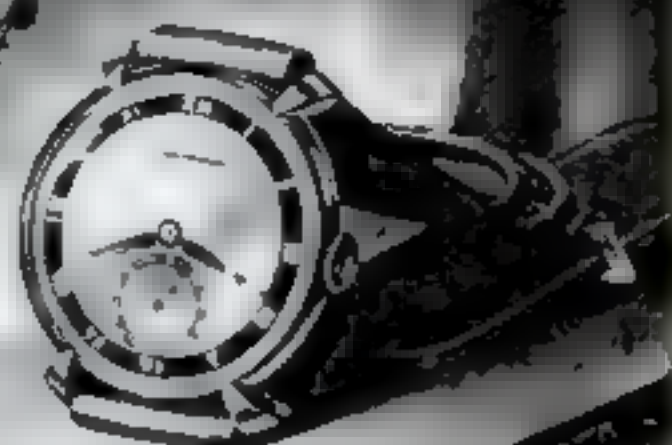
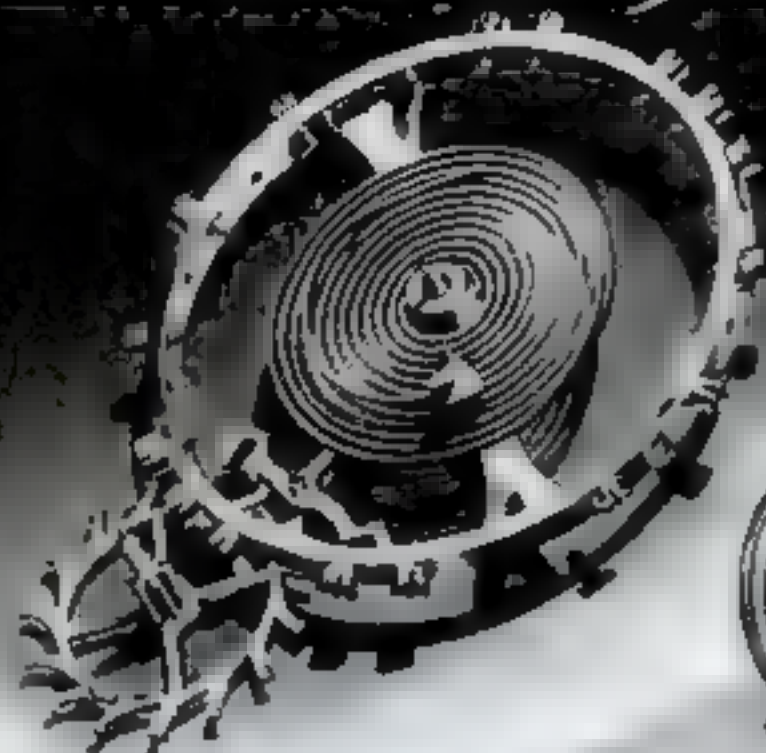
*Always
a
Pleasure*



BERN
HARD

AMERICAN WINE CO • ST. LOUIS, MO

Precision in a Heartbeat



Your watch is virtually a living thing. Its heart is the balance wheel, which beats out a continuous rhythm . . . 5 ticks per second . . . 300 per minute . . . 432,000 per day . . . 157,680,000 in a year! At each tick, the hands advance exactly 1/18 thousandth of their hourly journey. In a Girard-Perregaux where all parts are machined and assembled with microscopic precision, this process continues with utmost accuracy, year after year . . . unaffected by heat or cold—keeping a tempo more regular than the human heart. Write for interesting brochure A-2, "What's in a Fine Watch!"

GIRARD-PERREGAUX
Time Watches since 1791

GIRARD-PERREGAUX, ROCKEFELLER CENTER, NEW YORK 20
In Canada: Dominion Square Building, Montreal

17 Jewels
price from \$5
to \$100
depending on
features

You're sitting on STYLE'S 50yd LINE



WITH THESE NEW SOCKS

- Smart Designers made them
- Smart Stores quickly ordered them

They're ready now—regular length—Pacer Short—wools—mixtures—cottons—a wide array on Holeproof counters. All different—in color, in pattern, in weights. All knit full and reinforced at points of wear. Just say HOLEPROOF.

TESTED

HOLEPROOF

SOCKS

KNITTING 71 YEARS

HOLEPROOF HOSIERY CO., MILWAUKEE 1, WIS.



ASTRIDE TANK TURRET with Generals Evered Poole and Sir Pierre van Rynveld, Smuts, wearing armored-corps beret, inspects South African forces. Its volunteer

SMUTS (continued)

holistic lines he might now be conveniently capable of straightening out the present Indian situation for the Commonwealth of Nations which, in its earlier embodiment, he was then preparing to fight. Still, never reluctant to bruise its knuckles on Smuts' door, history gained admittance soon afterward, this time with the Boer War. The war made South Africa, for the first time since Vasco da Gama sailed around it in 1497, the exclusive object of the world's attention. Smuts, as one of the war's youngest and most spectacular generals, got his proper share and also made his first contact with young Winston Churchill, then a mere war correspondent.

In order to understand the Boer War, it is necessary first to understand South Africa. Discovered, like America, by Latins, it was first colonized, about the same time as New York, by Dutchmen. No less an authority on capes than Sir Francis Drake called Good Hope the "fairest" he had ever seen. Eminently practical, the Dutch used it solely as a vegetable garden, growing greens to prevent scurvy among the sailors on their boats bound for the Indies. With the possible exception of fairness, South Africa's salient quality is its heterogeneity. The continent of Africa as a whole resembles a great grab bag. At the bottom of the grab bag lies the most incredible collection of residue the world has ever seen. Geologically, South Africa contains everything from the world's biggest diamonds to its most wretched dust. Climatically, it is miscellaneous. Botanically, it provides not only the flora of both temperate and torrid zones but also the flora of different millenia, owing to the eccentricity of its glaciers.

South Africa's wild animals are of course a notorious evolutionary scandal, from ants, through hippopotami, to zebras. Its people are no exception to the rule. According to Darwin, South Africa was the birthplace of the human race. In any case, humans of all sorts had obviously been swarming into it from their beginning in order to account for the diverse swarms already on hand when the Dutch arrived. These included ill-smelling Hottentots, little folk called Bushmen who were shot as game, Basutos, Zulus and indeed God-knows-what, all speaking separate languages and behaving very badly.

When the Dutch arrived in New York, they gave the Indians some whisky and soon had matters well in hand. The arrival of the Dutch



army fought brilliantly in Libya. Smuts, a specialist in mobile war, is one of United Nations' ablest strategists. He expects Germany to crack next year, Japan soon after.

in Cape Town, however, far from ending the confusion, tended to increase it. First, French Huguenot refugees arrived to join them. Then, when the Dutch East India company was outrun by the British, the latter captured Cape Town. The Dutch scuffled into the interior to get away from the British. Indians, Chinese and Malaysians were brought in to supply cheap labor—a superfluous move since in addition to the millions of blacks who were already working for the whites, there were millions more in the jungles northward. Finally, the discovery of gold in the Witwatersrand (White waters ridge), the central watershed of South Africa, created the ultimate, symbolical division, socially, economically and racially. Developed by British capital, staffed by U. S. and Scottish engineers and worked by native labor, the gold mines were taxed by Boer, or farmer, government. The wonder was not that this general situation produced the Boer War but that a workable peace resulted.

In Boer War he ran Commando

Shortly after the war began, Smuts was made an aide to General Jacobus de la Rey. The Boer Army was divided into Commandos—a name which Churchill borrowed, partly as a complimentary propaganda gesture to South Africa, for the crack amphibious forces of the present war. The Boer land Commandos' job was to harass the territory held by the British in the hope of keeping hostilities alive until the British government changed hands and peace was declared. Put in charge of a Commando, Smuts—whose sole previous military experience had been acquired as a private in the Stellenbosch Student Drill Corps some ten years before—achieved sensational success. His ragged band of 300 men prowled a thousand miles around the country, raiding British detachments for ammunition or fresh horses, and picking up recruits along the way. When the war ended, his force, now grown to 3,000, was still besieging the town of O'okiep, in the heart of British territory. By this time, Smuts had gained 30 pounds in weight, a new enthusiasm for command and an enduring position as a South African national hero.

In the first Transvaal Government formed by his senior General, Louis Botha, under the generous postwar settlement, Smuts was named Colonial Secretary and Minister of Education. He and Botha, unlike the majority of defeated Boers, considered the peace an eminently just one and were whole-heartedly reconciled to their old

CONTINUED ON NEXT PAGE

BUY A GOOD BRASSIERE

Make
Your BUSTLINE
Your Best Line

with a

Life-Bra

For flat-chested, normal
and full figures, at all
the better department
stores and shops.

\$1.25 to \$3.50



TAKE GOOD CARE OF IT



From Historic New England

Salmis of Duckling at the Lord Jeffery Inn



LORD JEFFERY INN

Salmis of Duckling

Roast 5 pound duck for 1 1/2 hours.
Remove from pan, pour grease into
small sauce pan. Put 1 quart stock
in a roasting pan and boil. Sauté 1 cup
chopped mushrooms in small sauce
pan of grease. Stir in 1 tablespoon
flour. Add gravy stock from roasting pan.
Quarter duck, place in covered pan.
Pour sauce over duck and cook
slowly for 1 hour.
Before serving, add 1/2 cup Madeira
wine, 12 sliced stuffed olives; serve
with curried rice.

NATIONALLY FAMOUS FOR GOOD TASTE



The Lord Jeffery in Amherst attracts people from long distances to enjoy the good taste of its New England foods. And there is another good taste you can enjoy almost anywhere. The good taste of Goebel Beer is a natural addition to fine foods, just right for between meals. When you want nationally famous good taste, be sure to order Goebel Beer.

GOEBEL BEER

RIGHT FROM THE CYPRESS CASKS OF GOEBEL

JOHN WAYNE-

Starring in the
Republic Production
"IN OLD
OKLAHOMA"



IT SURE IS A **WOW**—
THIS TOMATO JUICE
COCKTAIL TASTES
LIKE MORE!

Try this **WOW**—made
with **FRENCH'S**
WORCESTERSHIRE SAUCE

WOW your friends with
this zippy, zesty drink.
Add a little salt and pep-
per and a tsp. of French's
Worcestershire to a
glass of tomato juice.
Mix well—serve cold.
The blend of fine in-
gredients in this fa-
mous Worcestershire
gives a rich new fla-
vor—a flavor that
gets any meal off to
a sparkling start!

Top-Notch Quality
at half the price



Nearest thing in
Reproductions to
the real thing in
precious Orientals.

**Deltah
Pearls**

WORLD'S FINEST REPRODUCTIONS
AT BETTER JEWELERS



AT COLLEGE in Stellenbosch, near Cape Town, Smuts was shy and peaked. Trained only as a private in the student drill corps, he led a Boer Commando eight years later.

SMUTS (continued)

enemies. Similarly, British elements in South Africa and the British Government in London appreciated the value of having the Transvaal governed by ex-Boers. After the Union was formed in 1910, Smuts and Botha ran South Africa between them for the next ten years, after which Smuts attended to the matter singly.

In World War I, Smuts distinguished himself first by helping Botha to put down the anti-British rebellion. This involved a campaign against German South West Africa. He then ably conducted a laborious pursuing action against an elusive German nuisance army in the jungles of East Africa. These enterprises attracted favorable attention in London where the government, hard up for able strategists then as now, decided to consult him. When he got to London in 1917, Lloyd George soon saw that Smuts, as a symbol of Empire unity, might be useful in many other ways as well. Smuts was sent first to Ireland and then to Switzerland to try to coax Austria-Hungary to stop fighting. Between these assignments he inspected the western front, turned down the command of the British Army in Palestine, sat in the war cabinet, helped organize what later became the Royal Air Force and contributed his rechristening of the British Empire.

Smuts thought up League of Nations

At the House of Lords banquet, where the famous Commonwealth of Nations speech came with the port wine, Smuts was introduced by Lord French, who was able to be present at the dinner only because Smuts had presciently omitted to blow up a Transvaal troop train on which, as a general, French had been a passenger 18 years before. Smuts's Commonwealth speech and his unique suitability as an Empire spokesman generally, helped make him a key figure at the Paris Peace Conference two years later. So did a pamphlet in which he outlined the plan of the League of Nations.

Smuts's pamphlet came to the eye of Woodrow Wilson who was attempting to draft his ideas along the same lines. Taught by his own experience that novel ideas often depend for their success on advantageous sponsorship, Smuts saw the value of having the League proposed by Wilson rather than himself. Along with his league of nations, however, Smuts had planned a generous treaty like the Boer War one which had worked so well. He was bitterly disheartened by the outcome of Versailles but, seeing that Europe was not yet ready to be made whole, he went home to see what could be done on a smaller scale. Three weeks later Louis Botha died. Succeeding him as Prime Minister, Smuts found, in trying to holly South Africa, an unparalleled opportunity to train for his later efforts to holly the world.

Like everything else about South Africa, its politics are special. Thus it is far easier to comprehend Smuts's concern with unity than his methods of attaining it. Like the descendants of the Dutch in the U. S., the descendants of the Dutch in Africa were experts at persuasion. However, unlike the Dutchess County Dutch, the African Dutch had natives to do all their work for them. Consequently, they not only became specialists in government but had ample spare time to devote to it. In the old days, discontented Boer politicians simply started new republics of their own in unsettled country. When, after 1906, this became impracticable, the Boers naturally blamed the British. Among other peculiarities of Afrikaan South Africans is the



ATTENTION
you "ham-lovers"

We'll do our best to distribute
available Underwood Deviled
Ham, fairly, and evenly. You do
your part to make it last longer!
"Gin and spread it thin!"

UNDERWOOD

After the war you'll again enjoy Underwood
Clams, Chowders, Soups, Sardines, Puddings
and Patefou

SUN-SWEET means
"SUN-SWEET"



PACKED AND GUARANTEED BY THE
GROWERS
SUN-SWEET PRUNES, APRICOTS, PEACHES
MIXED FRUITS, AND PRUNE JUICE
CALIFORNIA PRUNE & APRICOT GROWERS ASSN.



MIFFLIN
ISOPROPYL ALCOHOL
RUBBING COMPOUND

CONTINUED ON PAGE 111



The original **DON COSSACK CHORUS**— *world's greatest*
choral group! **SERGE JAROFF** *conducting*

MUSIC was in their blood—and chance brought them together around the campfires of Constantinople, over twenty years ago. Under the brilliant leadership of Serge Jaroff, these singing sons of the Steppes perfected an inimitable choral technique which has made them world-famous.

Today, they have brought great Russian music to millions . . . the full-blooded exuberance of their folk songs, the spine-tingling defiance of Cossack battle songs, the unearthly beauties of ancient liturgical music—sung as only they can sing them!

The Don Cossack Chorus now records exclusively on Columbia

Masterworks Records. These records are laminated—pressed in layers—with surfaces of highly sensitized materials. This Sensitone-Surface, exclusive with Columbia, captures the rich tonal color of this great chorus, from the mighty diapason of their thunderous basses to their flutelike flights in the phenomenal upper registers.

Columbia brings you old Don Cossack favorites—*The Red Sarafan*, *Evening Bells*, *First Psalm of David*, *From the Evening Liturgy*—as well as a new album, *Don Cossacks On The Attack*. Hear this superb chorus, and many other famous artists, recorded by Columbia. Great music is faithfully yours on Columbia Masterworks!

COLUMBIA

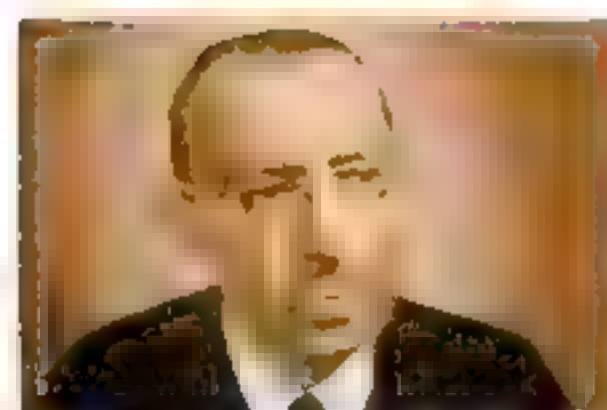
Masterworks

RECORDS

Trade Marks "Columbia," "Masterworks" and "Sensitone" Reg. U. S. Pat. Off.

Prices shown are exclusive of taxes

Columbia Recording Corporation © A Subsidiary of Columbia Broadcasting System, Inc.



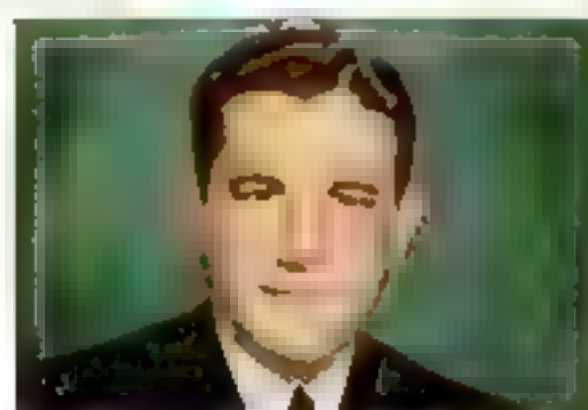
Igor Stravinsky conducts the Philharmonic-Sym. Orch. of N. Y. in his own great composition, *Le Sacre du Printemps*. Set M-MM-417 . . . \$4.50
And, with same orchestra, his *Suite from Petrouchka*, Set M-MM-177, \$2.50



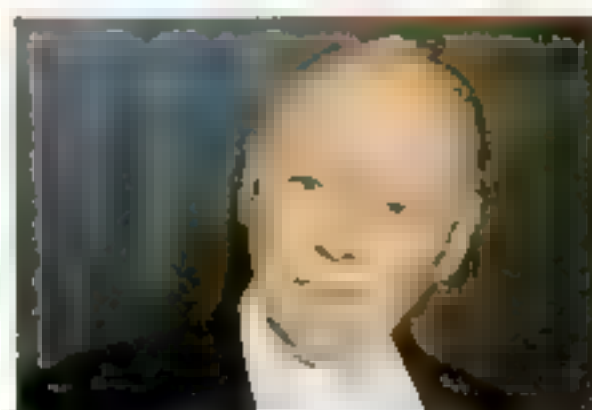
Felix Weingartner conducting the Vienna Philharmonic Orch.: *Symphony No. 9 in D Minor ("Choral")* by Beethoven. "Mozartian!" Set M-MM-227, \$8.50
And Beethoven's *Symphony No. 7 in A*, with same orch. Set M-MM-260, \$5.50



Andre Kostelanetz and his Orchestra: *The Music of Victor Herbert*. A superb collection of nineteen memory-evoking melodies. Set M-415 . . . \$4.50
And the popular *Grand Canyon Suite* by Ferde Grofé. Set M-MM-463 . . . \$4.50



John Carter, brilliant tenor of the Metropolitan, in an album of *Sentimental Song*. It includes such favorites as *Drink to Me Only With Thine Eyes*, *Trees*, *The Rosary*, *Come Where My Love Lies Dreaming*. Set M-523 . . . \$3.50



Egon Petri, famous pianist, plays the *Tchaikovsky Concerto No. 1 in B-Flat Minor*, accompanied by the London Phil. Orch. Set M-MM-318 . . . \$4.50
Chopin's *Preludes, Opus 28, Nos. 1-24*. A great performance! Set M-MM-523, \$4.50

FEDERAL LAW FORBIDS

BOTTLED-BOND

Old Forester

KENTUCKY STRAIGHT BOURBON WHISKY

This whisky is distilled by us only, and we are responsible for its richness and fine quality. Its elegant flavor is solely due to original fineness developed with care. There is nothing better in the market.

DISTILLED BY BROWN-FORMAN DISTILLERY CO. INC.,
AT LOUISVILLE IN KENTUCKY
100 PROOF

BROWN-FORMAN KENTUCKY

There is nothing better in the market

BROWN-FORMAN DISTILLERY COMPANY, INC., AT LOUISVILLE IN KENTUCKY

FILTER in
ROYAL DEMUTH
makes pipe function superbly
ULTRA FINE IMPORTED BRIAR

FILTERS FOR
ROYAL DEMUTH PIPES

\$3.50

Write for chart picturing 18 beautiful all-smooth models, telling benefits of MARVELOUS PATENTED FILTER



Also same styles, all-etched, with Eagle or "V" engraved PATRIOTIC EMBLEMS specially designed for men in service as well as civilians.

Wm. Demuth & Co., Inc., N. Y. 3

The Newspaper of the Industry
Automotive News
 PUBLISHED WEEKLY
 WANT TO KEEP POSTED on postwar possibilities in America's No. 1 Industry? Then subscribe for the only weekly newspaper in the industry. One year \$4—two years \$7. Sample copy 15c, stamps. BLOOM PUB. CO., Dept. L, DETROIT 2, MICH.

THIS STROP
 gives **DURHAM** blades **NINE LIVES**

If you're the lucky owner of a Durham Duplex Razor, this Victory Strop will make your long-lasting Durham blades last even longer. Durham's famous hollow-ground blades are twice as long-lasting as other blades. To take repeated shavings for "new blade" smoothness every shave.

If you don't own a Durham Razor, you may still find one at your drugstore. Send \$1 direct for special Durham strop out. Can be used only on Durham Duplex Blades, No C. O. D.'s.

DURHAM-EMERS RAZOR CORP., Dept. L, MYSTIC, CONN.



FROM TABLE MOUNTAIN, Smuts looks down at Cape Town, one of South Africa's three capitals and its oldest city. Prime Minister, at 73, still likes to climb.

SMUTS (continued)

fact that money, per se, does not greatly interest them. Addicted to competitive talking rather than earning, they often live like Tobacco Road but usually think like philosophers. What infuriates Afrikaan South Africans about the British South Africans is not so much that the British are richer as that, being richer, they think that they are therefore better off. South Africa's population is 60% Afrikaan South Africans and 40% British South Africans. Smuts governs with the support of all the British South Africans and of enough Afrikaan South Africans to give him a popular majority.

Smuts's first efforts to run South Africa, without letting it fall apart, were not startlingly successful. In England, where he had no electorate at all to worry about and where he had enjoyed homage both as a distinguished visitor and as a precious Empire symbol, Smuts had been equable, mild and conciliatory. In South Africa, where he had a seething electorate, he became dictatorial and snappish. In 1924, a reversal at the polls caused him to call a general election whereby he was ousted. The anti-British General Hertzog took his place. Smuts spent the next seven years thinking things over and writing his book about holism.

Despite the success of Smuts as a soldier, Louis Botha had cabled when Smuts was offered the Palestine Command: "Advise you to refuse. We both know you are no general." Similarly Smuts's book, a brilliant Commando raid through science, religion, psychology, mathematics and philosophy, is less convincing as an experiment in self-expression or even as a definition of holism itself, than the political action its author took when he had finished it. In 1933, Smuts saw that South Africa should abandon the gold standard. Instead of waiting for an election on the subject, which he would have won, he proposed to save time and trouble by fusing his following with that of General Hertzog in a United Party. Smuts sat in Hertzog's United Party cabinet as Deputy Prime Minister and Minister of Justice until the start of World War II. In 1939, feeling that the interests of South African and Commonwealth unity outweighed party unity, he acted accordingly.

He put South Africa into war

Smuts's behavior since 1939 indicates that his abilities in practical holism, now being applied on a worldwide scale, have been kept razor-sharp. When England declared war, Hertzog introduced a motion calling on South Africa merely to defend the British naval base at Simonstown, as it was bound to do by the terms of its agreement with the United Kingdom, and adding, as an afterthought, that naturally, except for Simonstown, the nation would stay neutral. Smuts suggested an amendment: instead of entrusting the war to one marginal village, South Africa should undertake it as a whole. The amendment passed by 13 votes. Flabbergasted, Hertzog requested a general election. Instead, in line with constitutional usage, the governor general asked Smuts to form a cabinet. Smuts did so and put the country into war on Sept. 6, 1939.

In 1914 Boer opposition to the war had to be put down by force. In 1939 Smuts precluded such a possibility by announcing that private citizens who owned rifles would sell them to the government on pain

CONTINUED ON NEXT PAGE

VICTORY COAT
 styled by **Lakeland**

The famous Victory Coat, for both father and son — made of Whitman's finest gabardine. Shower-proofed by Cravenette. Collar and lining of warm, luxurious fleece. Men's and boys' sizes. See your Lakeland dealer, or write — Lakeland Mfg. Co., Sheboygan, Wis.

"I forgot—"

—WON'T WIN THE WAR!

BUT HERE'S A MEMORY SYSTEM



It's not easy to keep a good MEMORY in your mind. But EXTRA and EXTRA! You can keep your mind sharp and clear with the ROBINSON REMINDER. The most practical and useful memory system ever devised. It's the only system that will help you remember everything you want to remember. It's the only system that will help you remember everything you want to remember. It's the only system that will help you remember everything you want to remember.

also by the makers of ROBINSON REMINDERS

ROBINSON REMINDERS

WESTFIELD, MASS.

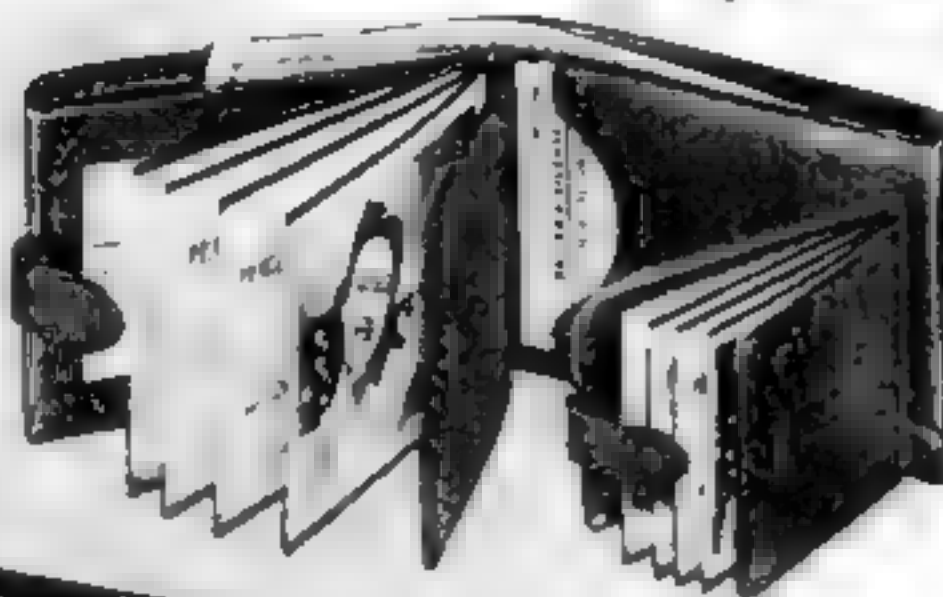


PRINCE GARDNER Billfolds

Trim as a PT boat



Marvels of compact efficiency
A place for everything . . . and
everything in its convenient
place. Plenty rugged, too,
are these Prince Gardners
'Invisibly Stitched' in hand
some Hand-Boarded India
Goatskin—Black, Brown, or
Gubna Mission Brown



REGISTRAR (above)—Pass Case for
snapshots and credentials is easily re-
movable, leaving a water-tight billfold
for dress . . . \$5.00

COIN KING (left)—The only 'Invisibly
Stitched' billfold with handy expandable
purses for small change. Pockets for snap-
shots, cards, etc. Secret compartment and
flap to hide large bills . . . \$3.50



Because of war scarcities, your dealer may be temporarily out of
leather and models shown. However, you'll find many other fine
Prince Gardners to select from. PRINCE GARDNER, St. Louis 10, Mo.
Made in Canada at 468 King St., West, Toronto 2

CREATORS OF THE 'INVISIBLE STITCH' BILLFOLD

VAT 69
8 Years Old
PARK & TILFORD IMPORT CORP., NEW YORK - BLENDED SCOTCH WHISKY - 86 PROOF



OFFICERS AND MEN of Smuts Commando, photographed in 1902 with Smuts (center), were mostly Boer farmers. They lived off country, used captured guns, horses.

SMUTS (continued)

of a heavy fine. Seventy thousand high-grade game rifles were there-upon available for distribution to South Africa's then practically nonexistent army. The mainspring of Nazi sympathy in South Africa is a typically South African organization called the Ox-Wagon-Sentinels. Instead of trying to intern its 300,000 members, thereby gaining them the sympathy of 500,000 or so other South Africans, Smuts shrewdly accepted the word of honor of their leader, who saw the futility of immediate armed rebellion, not to let them get out of hand. Smuts's skill in giving his opposition carte blanche prevented it from attaining integration. Meanwhile he has succeeded in giving South Africa an army and a war industry which, weight for size, compare favorably with any others in the United Nations.

Smuts promptly converted as much of South Africa's plant as possible, including its considerable mining-explosives industry and the mint, which collaborated in manufacturing munitions. Aware that conscription, politically impossible in any case, would also have filled the army with anti-British elements, he hit on a neat method of raising an army but excluding them. This was to ask all volunteers if they wanted to waive the constitutional privilege of service in South Africa only. Only volunteers who agreed to waive it were accepted. Pro-British elements being proportionately as zealous as their opponents, he soon had a phenomenal enlistment. The size of South Africa's army—equivalent, in terms of white population, to an army of 13,000,000 in the U. S.—is, of course, due in part to its natives. Since natives do most of the work in the country but are not allowed to bear arms, whites can go to war with comparatively little dislocation of the economy as a whole. On the other hand, native ambulance, road-building and work corps have collaborated with whites so ably that the war may prove to be the beginning of a solution of the black vs. white problem, which is still South Africa's gravest.

South Africa is shiny

Whoever defined Africa as the dark continent was guilty of a half truth. South Africa, except for most of its population, is possibly the brightest place on earth. Its colors are sharp, its ground is inlaid with gold and diamonds, its stars are oversize, its air is abnormally translucent and its sun glitters steadily in the polished sky like a huge electric light equipped with a reflector. The sudden flash of this sun across the horizon wakens all South Africans early. The Prime Minister starts the day with a cup of tea, soon after dawn. By 8 o'clock he has had breakfast and is on the way from his tin house to work. Smuts's work takes place in a large airy office in Pretoria's handsome government buildings, with windows opening on a crystal view of 20 miles of mint-green veld. Like his compatriots, Smuts has morning coffee at eleven, early lunch, and tea at half past three. Most of the day is spent in talks with associates like Finance Minister Jan Hendrick Hofmeyr, or Chief of Staff Lieut. General Sir Pierre van Ryneveld and his "Harry Hopkins," Louis Esselen. In conference, Smuts when bored drums his fingers gently. When angry, two small spots appear on his cheek-bones. By 5 o'clock each afternoon he is ready to go home. He used to drive himself in a large Buick sedan, going as fast as possible except down hills, when he employed abnormal cau-



SMUTS FAMILY GROUP at Irene includes three sons and three daughters. Mrs. Smuts wears horn-rimmed glasses. The household also often includes numerous relatives.

tion. Since developing his fondness for air travel—he now takes planes for any distance over 50 miles—he has been less enthusiastic about driving and lets a chauffeur do it for him.

Much has been said about the modest appearance of the Smuts's tin house, Doornkloof, at Irene. Compared with the houses of most world-famous figures it is indeed unpretentious, but compared to the houses of other Boers it is almost splendid. Surrounded by 6,000 acres of good land and half a million trees, planted by Smuts himself for mine timber and to improve the landscape, the house not only has a front stoop, like most Boer farmhouses, but a porch along two sides as well. Furthermore, its tin walls—South Africans cannot use wood for their houses because ants would eat it—are mostly lined with brick and plaster. As a venture in holism, Doornkloof not only shows Smuts's knack for putting scraps together; it also symbolizes his post-Boer War reconciliation with the British and is thoroughly integrated with the landscape. Some years ago, Mrs. Smuts tried to start a border of flowers around it. Smuts himself discouraged this, saying he wanted the veld, or fields, to come right to the door.

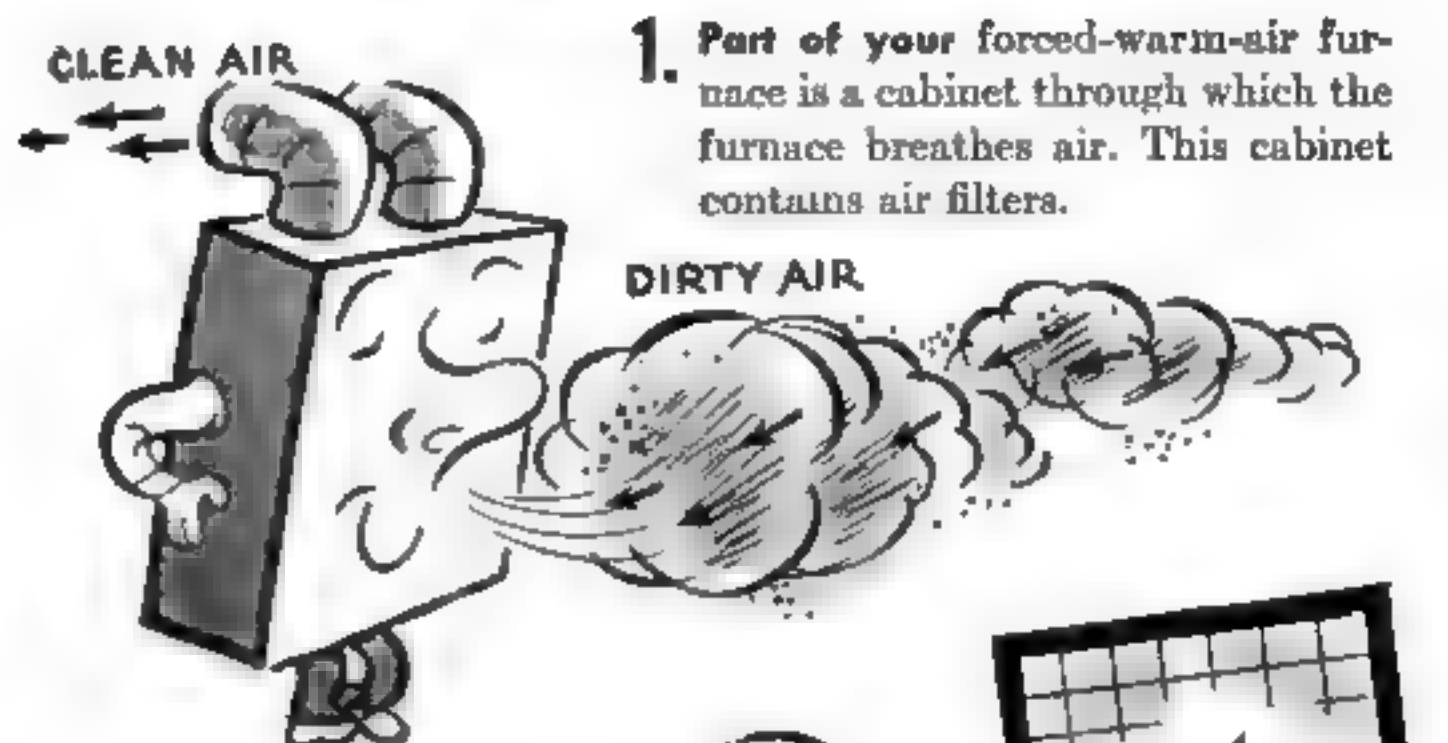
Smuts's holistic love of the veld is, of course, both general and particular. He is an expert botanist, specializing in blades of grass, which may or may not be tied up with the fact that holism itself is an outgrowth of a philosophical biography about Walt Whitman which he wrote while studying at Cambridge. Smuts's study of grass, while it serves as a recreation, is by no means an irrelevant hobby. In the unfenced, arid, cattle land of which South Africa is largely composed, the good grass tends to get eaten before it can go to seed, thus, by a sort of pastoral Gresham's law, being driven out by bad grass. Some years ago Smuts, who has no fewer than 50 different kinds of grass growing in a paddock back of Doornkloof, found a specially fine kind. This grass, now known as *Digitaria Smutsii*, withstands nibbling well and creeps profusely about stream beds near Irene.

Outside his grass, Smuts's chief interest at Doornkloof is his celebrated library, reached by a passage, also book-lined, opposite the front door and well removed from the amicable turmoil elsewhere in the household. Smuts spends most of his evenings there and would doubtless often sleep in it as well if, among the massive polished stinkwood desks, poisonous arrows, aluminum chairs, *Punch* cartoons, animal skins, flags, assagais and air-cooling apparatus, there were room to pitch a cot. Since there is not, he has two small bedrooms near the library, one indoors next his bathroom, and the other outside on the porch. Next to his iron outdoor bed, there has stood for 30 years a certain kitchen chair which Smuts finds handy as a lamp stand. Back of the lamp stand and the bed there rests on its side for no special reason an empty wooden box. Bits of railroad track are placed inside the box in order to prevent its tipping over.

One result of South Africa's miscellaneous character is that its government goes on in various places. Thus, while the executive branch is at Pretoria, old capital of the Transvaal, and the judicial branch at Bloemfontein, old capital of the Orange Free State, the Parliament meets at Cape Town, old capital of the Cape Colony. When Parliament is in session, Smuts lives at Groote Schuur (Big Barn) near Cape Town, an official residence built by Cecil Rhodes. Groote Schuur's grandeur does not suit Smuts. He was amused some years ago when a colored tramp moved in during his absence and

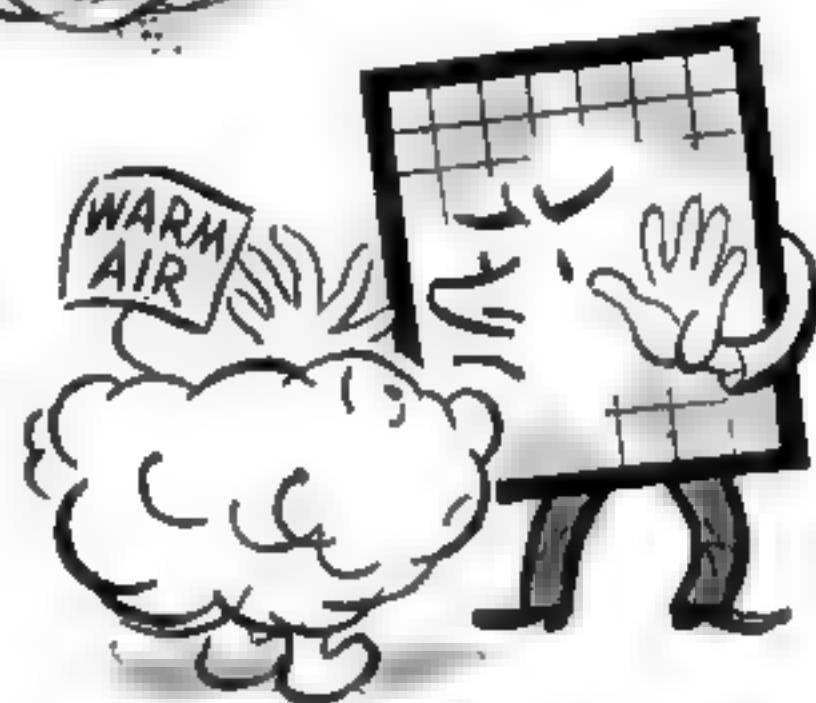
CONTINUED ON NEXT PAGE

ONE WAY TO KEEP YOUR FURNACE FROM WASTING FUEL



1. Part of your forced-warm-air furnace is a cabinet through which the furnace breathes air. This cabinet contains air filters.

2. When they become dirty these air filters keep enough warm air from getting upstairs. You're chilly. Fuel is wasted.



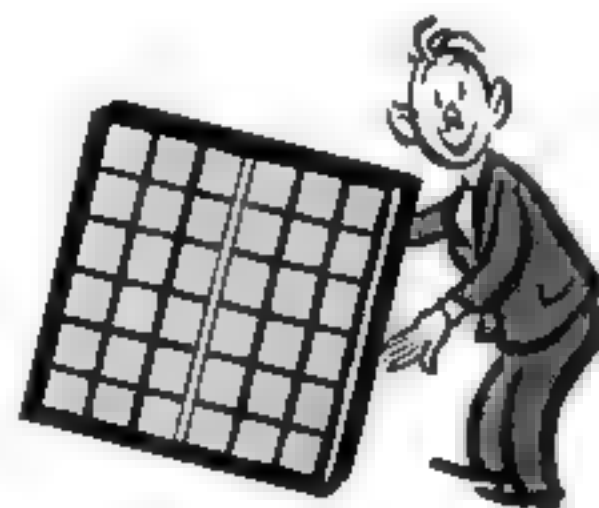
3. New, clean air filters let plenty of warm air circulate in your home. They also trap excess dirt that might soil walls, furnishings, and drapes.

4. Change your dirty air filters now! Save fuel. Get clean heat. Be warm this winter. Order new Dust-Stop® Air Filters right now!

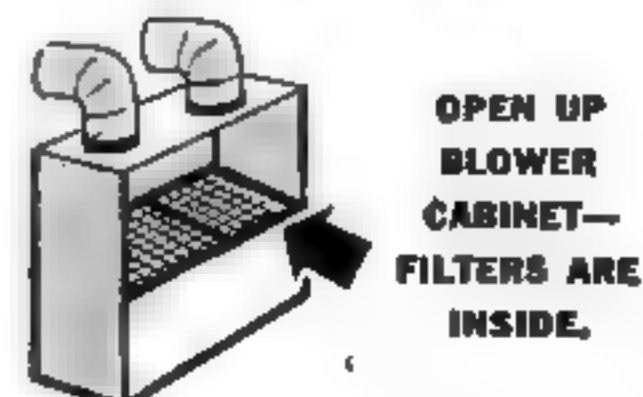


5. Look in classified telephone directory for your Dust-Stop dealer, or order from your local department or hardware store.

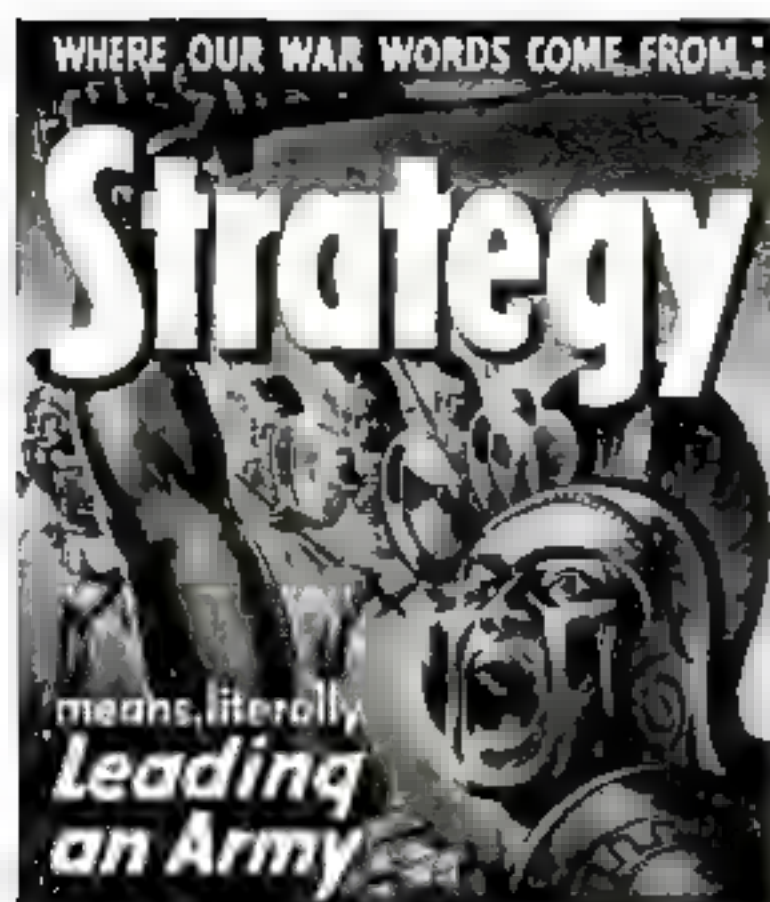
6. Dust-Stops are standard filters in most furnaces. \$1.50 is cost of most sizes. Get your Dust-Stops today.



FIBERGLAS®
DUST-STOP®
U.S. Pat. Reg. U. S. Pat. Off.
AIR FILTERS



Owens-Corning Fiberglas Corporation, Toledo, O., Fiberglas Canada, Ltd., Oshawa, Ont.



STRATEGY, the science and art of employing a nation's armed forces for victory, comes from the Greek verb *stratēgein*, "to be leader of an army," from *stratēgos*, "a general," which in turn comes from the two words, *stratos*, "army," and *agein*, "to lead." The English *strategem* has the same origin. But modern *strategy* is the direction of the whole war theater, rather than personal leadership of troops or ships, which is included in *tactics*, the actual disposing and maneuvering of troops or ships in battle. *Tactics* comes from Greek *taktika*, from *tattein*, "to put in order."

Strategy and *tactics* are often confused and misused. Knowledge of the origins and acquired meanings of words will enable you to use them more accurately. Both you and your children will enjoy and benefit from the thousands of fascinating etymologies (word origins) in—

WEBSTER'S NEW INTERNATIONAL DICTIONARY, Second Edition The Merriam-Webster

These colorful word histories are only one feature of this greatest of all knowledge books. Its completeness makes it truly the foundation book for home education! The more questions you and your children bring to it, the more you will be amazed at the range and scope of the information furnished by its hundreds of encyclopedic articles, the work of over 200 outstanding authorities. It seems almost unbelievable that such a vast fund of knowledge could be packed into one book—a book that tells you everything you want to know about words, 600,000 of them, 122,000 more than in any other dictionary.

You have long wanted this great question answerer, now is the time to get it. Mail the coupon today for free illustrated booklet of interesting word origins, and ask any bookseller to show you the *Genuine Webster—the Merriam-Webster—identified by the circular trade-mark*. G. & C. Merriam Co., 353 Federal St., Springfield 2, Mass.



MAIL THIS COUPON for FREE ILLUSTRATED BOOKLET OF INTERESTING WORD ORIGINS
G. & C. Merriam Co., 353 Federal St., Springfield 2, Mass.

Please send me free illustrated booklet, "Interesting Origins of English Words," and information about Webster's New International Dictionary, Second Edition.

Name _____

Address _____

Age _____ City _____ State _____

Lubricates • Cleans • Polishes • Prevents Rust



SMUTS (continued)

spent a week there, wearing his pajamas and sleeping in his bed. Not to be outdone by Cape Town, Pretoria, during the Prime Ministership of General Hertzog, put up an even bigger residence than Groote Schuur for prime ministers to live in. Smuts, who took over the government about the time this mansion was completed, named it Libertas, after the Kruges' cottage in which he was married, but has never thought of moving in.

Currently, the corrugated iron gate at Doornkloof is guarded by policemen. When unannounced callers come, one of these bicycles up to the house to make inquiries. He then bicycles back to tell the other what he has found out. Smuts is fond of mild mountain climbing and long walks around the fields. He sometimes amuses himself sadistically by taking his police along on such excursions. Recently they walked to the near-by farmhouse of a brother-in-law who in turn amused himself at Smuts's expense by suggesting that the guards had been assigned to the Prime Minister to prevent his stealing apples from the neighbors. Doornkloof is run by Mrs. Smuts who long ago ruled that all females at Doornkloof had to make their own beds. Despite occasional crises, like one that occurred recently when a pair of ringhals cobras crept out of the veld into the kitchen, the household goes so smoothly that Mrs. Smuts also has time to manage South Africa's Gifts and Comforts Fund, which sends bundles to her husband's troops.

Boers in general are far too sure of themselves to feel the need of small pretensions. Doornkloof, though more luxurious than most Boer farms, is otherwise representative. Having raised six children of their own, the Smutses felt they might as well have more and adopted one. Most of the Smuts's children—Santa, Caro, Japie, Sylma, Jan, Louis de la Rey and Kathleen de Villiers—and their twelve grandchildren, swarm around Doornkloof and Irene like flies around a honeypot. Mrs. Smuts comes from a family of nine and Smuts's in-laws and relations are, if possible, more numerous than Roosevelt's. Smuts's in-laws and their small fry also congregate at Doornkloof, where Sunday afternoon tea parties composed of the family and a sprinkling of refugee royalties, diplomats, politicians and itinerant celebrities like Smuts's old friend Thomas S. Lamont, who spent a week there a few years ago, are a weekly specialty. Tea is served by Mrs. Smuts from an oilcloth-covered table on the screened-in portion of the porch next to the kitchen.

The attention devoted by the rest of the world to Smuts's current stay in London creates special problems for Mrs. Smuts. Soon after her marriage, she began a collection of newspaper clippings about her husband which now totals 110 volumes. Mrs. Smuts, who usually talks to Smuts in Afrikaans (derived from Old Dutch) and uses his Afrikaans nickname, *Oubaas* (Old Boss), calls the process of keeping the book up to date *plakking* (pasting). Vol. 110 of the evidence that her original feeling about Smuts was entirely justified takes him only up to March of 1940. Thus, in addition to many afternoons spent *plakking* at the littered oilcloth-covered tea table on the porch, she puts in many evenings on the job as well. When Smuts comes home and, emerging from his library, finds her so engaged he will scold slightly and insist that she go to bed. Later, when the Prime Minister is asleep, Mrs. Smuts, who also believes in completeness, will get up and resume her work.



PRIME MINISTER CHURCHILL in ten-gallon hat talked with Smuts at Cairo before battle of El Alamein. Smuts was a crack general in Boer War and World War I.

- ★ FOR CAMPUS WEAR
- ★ FOR DEFENSE WORKERS
- ★ FOR OUTDOOR RELAXATION

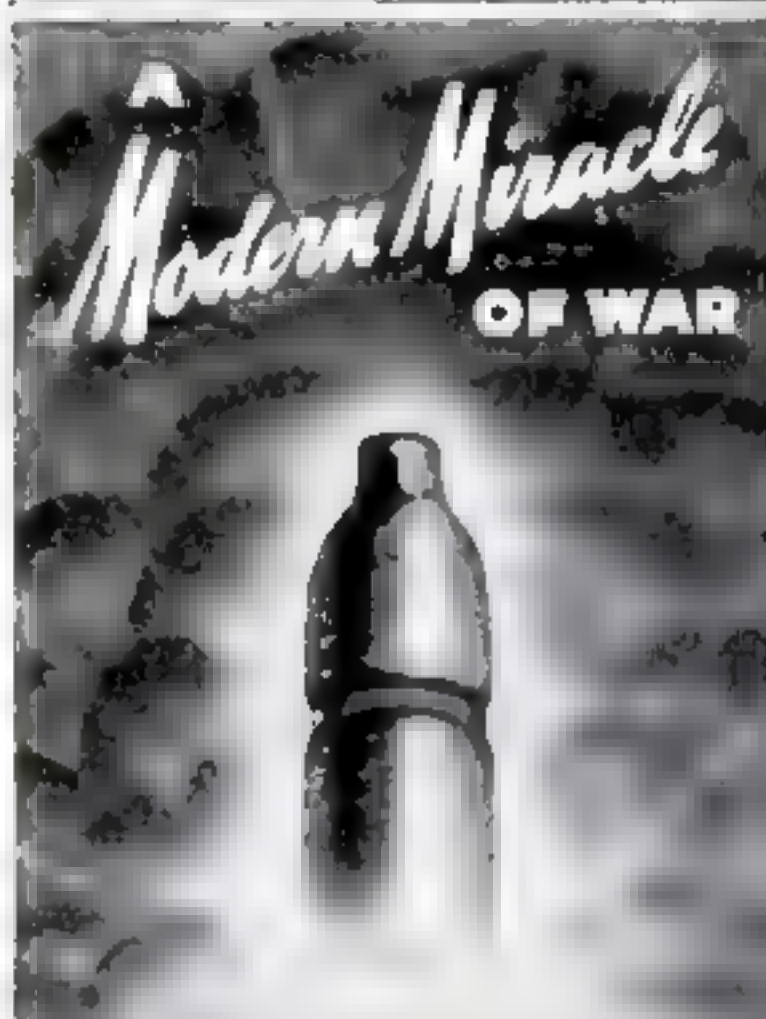


The Chevy

In weatherproof capeskin or pig-grain, zipper fly-front, quilted rayon lining, stand-up collar, by-swing back. Capeskin, approx. \$22.50.

THUS WE SERVE—84 5/8% of Foster Production goes to our Armed Forces. However, we shall make every possible endeavor to take care of the civilian demand for our jackets as a fight line action throughout the world in all hot and extreme cold climates.

FOSTER BROS. Sportswear Co.
PHILADELPHIA • NEW YORK



Not once, but thousands of times, Sparklet Bulbs have saved Uncle Sam's fighters from the sea. With a single motion, these bulbs provide instant inflation for lifebelts that keep a man afloat until rescued.

SPARKLET
bulbs

and Syphon bottles will again be available after the war for making smart, peppy, home-mixed club soda.

BUY MORE WAR BONDS

SPARKLET DEVICES, INC.
DIVISION OF KNAPP-MONARCH CO., SAINT LOUIS



PAINTED BY EDWIN A. GEORGE. PALM BEACH, 1942

Furlough

INTERMISSION from field and chart room. Intermission from desk and assembly line. An hour for laughter and a friendly greeting. And in a matching mood . . . a good cigar.

WEBSTER — always in the right tempo! Diverting as a play. Restful

as an easy chair. Smoothly fragrant and blended for *good smoking!*

. . .

Webster's five-year rate of gain has been more than 2½ times that of the industry's comparative brands as a whole.

WEBSTER CIGARS

FIRST IN THE SOCIAL REGISTER

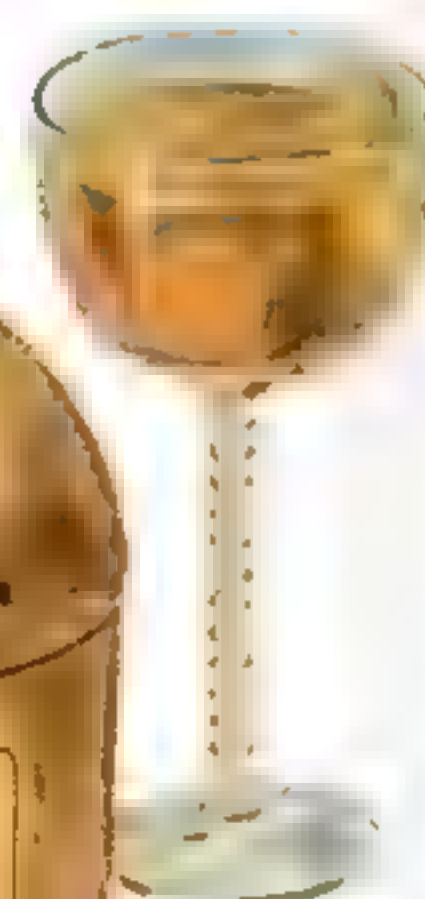
SIX DISTINCTIVE MODERN SHAPES • 12¢ to 30¢



IT TAKES but one taste to show why we want to make present stocks of Old Grand-Dad last out the duration. So when your licensed dealer is sold out, remember—his supply is being limited now so that it may be kept continuous. The best way to get fine whiskeys you can trust is to call again when his next shipment comes in.

National Distillers Products Corporation, New York

ONE TASTE WILL
TELL YOU WHY



This Whiskey
is 4 Years Old

The Old Grand-Dad Distillery Company is engaged in production of alcohol for war purposes. This whiskey was made before America entered the war.



SO HIGH IT DWARFS THE FACTORY BELOW, A B-17 LEAVES THE BLAZING FOCKE-WULF PLANT AT MARIENBURG. BIG ATTACKS EMPLOY AS MANY AS 400 FORTRESSES, 8,000 AIRMEN

U. S. BOMBING

Arnold calls the Marienburg raid the best example of precision bombing

A fortnight ago General Henry ("Hap") Arnold, chief of the U.S. Army Air Forces, said that the air war of attrition over Europe has now reached its climax. In the fight for air superiority our bombers are both knocking out enemy fighters in the air and striking at their production centers. General Arnold reported that the Oct. 9 attack on the Focke-Wulf plane factory at Marienburg, East Prussia, was the best example yet of successful precision bombing. On that mission American heavy bombers based in England flew

1,800 miles round-trip to hit their target, 400 miles from the Russian battle line at Vitebsk. Although losing 29 planes in sky battles that day, they not only damaged every building in the Focke-Wulf plant at Marienburg, but also battered German naval base at Gdynia, Poland, Danzig and Anklam, Pomerania.

These striking photographs of the Marienburg mission, almost as remarkable as the mission itself, were taken by 8th Air Force Photographers and show how accurate and devastating precision bombing really is.

Before the attack, the Focke-Wulf plant at Marienburg looked like this. Transferred from bombed Bremen, it was turning out 110 F-W 190 fighters a month, 47% of Nazi production.



The first bombs hit smack on the factory area as the leading waves of Flying Fortresses begin their attack. The heavy bombs are perfectly concentrated in a small area of the target.





If the waitress seems slow
And to steak she says "No!"
Do your spirits sink low?



WELL, LAUGH IT OFF WITH
LIPTON'S!



Flavory, fragrant Lipton Tea is more than a swell-tasting drink. It'll help smooth you down when you're jumpy and jittery—or give you a lift when you're feeling weary!

Lipton Tea tastes so much better! People buy more of it than any other brand!

For your Bride
of Yesteryear...

GENUINE REGISTERED
a Keepsake
DIAMOND RING

The most cherished gift for
a Christmas, wedding anni-
versary, birthday or any gift
occasion.

FOR SWEETHEARTS everywhere... for
wives that are and wives to be... there is no
finer symbol of the love you share than a
genuine registered "Keepsake" Diamond
Ring. The Keepsake Certificate of Regis-
tration and Guarantee is part of your purchase
and is your assurance of traditionally high
standards of color, cut and clarity. See these
new designs at your Keepsake Jeweler...
to \$2500.

Write to Keepsake Diamond Rings, A. H.
Pond Co., Inc., 214 S. Warren St. Dept. L,
Syracuse 2, N. Y. for FREE folder showing
illustrations of Keepsake Diamond Rings,
information on how to select your diamond
ring with confidence and name of nearest
Authorized Keepsake Jeweler.

VANITY
\$275

WARRENTON
\$550

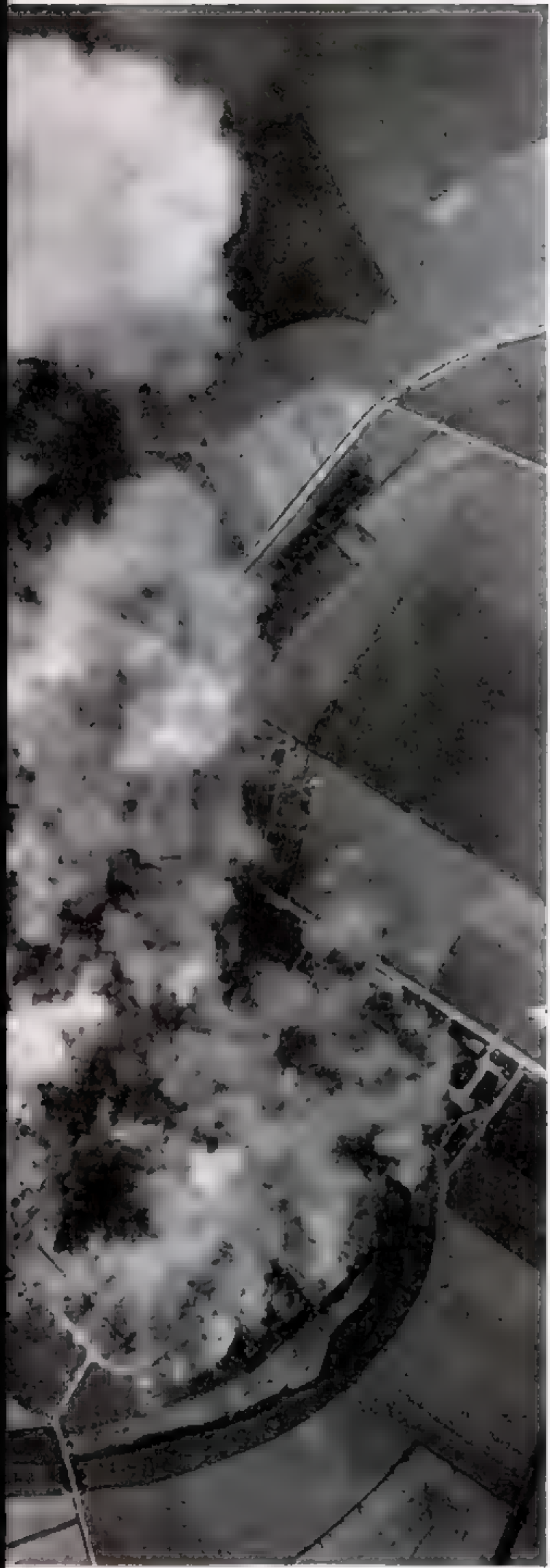
PARADIS
\$800

If it is a "Keepsake"
the name is in the ring.
Rings enlarged to show details.

U. S. Bombing (continued)



A black cloud of smoke rises skyward from bursts of bombs and resulting fires. The flight strip at left was used by Nazis for test hops and delivery flights after the F.W.



190's had been finished at the factory. The Americans were not aiming at it, though bomb craters from a few near-misses can be seen between it and the blazing factory.

CONTINUED ON NEXT PAGE

the evidence: GRAY HAIR . . . the verdict: OLD!

Clairol swiftly, secretly, beautifully ends the heartaches of gray or graying hair!

Your friends are the judge and jury. They don't mean to be unkind, but how can they help but give a verdict of "old" when your hair makes you look that way! Yes, even when your face and figure are youthful!

Transform your hair back to shining beauty—"naturally, with Clairol," the original shampoo tint. You'll be amazed at how much younger you look, and how much younger you will feel! Like other Clairol users, you'll discover a new poise and self-confidence, free from the dread of either telltale gray or a TATTLETALE, "dyed" look. For Clairol is so natural-looking it rivals nature's loveliest colors.

CLAIROL IS QUICK—It cleanses, conditions, and permanently colors every trace of gray hair, all at the same time. Takes little longer than ordinary shampoos.

CLAIROL IS DEPENDABLE—Each of Clairol's 23 natural-looking shades is laboratory-controlled, produced under the supervision of skilled specialists. Clairol shades are uniform, always assuring a perfect match. The right color for you is among them.

CLAIROL KEEPS YOUR SECRET—because it completely avoids that "tattletale," brassy, ugly look of old-fashioned dyes. NO OTHER PRODUCT gives such natural-looking results.

Refuse substitutes that can't give you Clairol's beautiful results. Better Beauty Shops feature genuine Clairol. A Clairol treatment costs you no more!

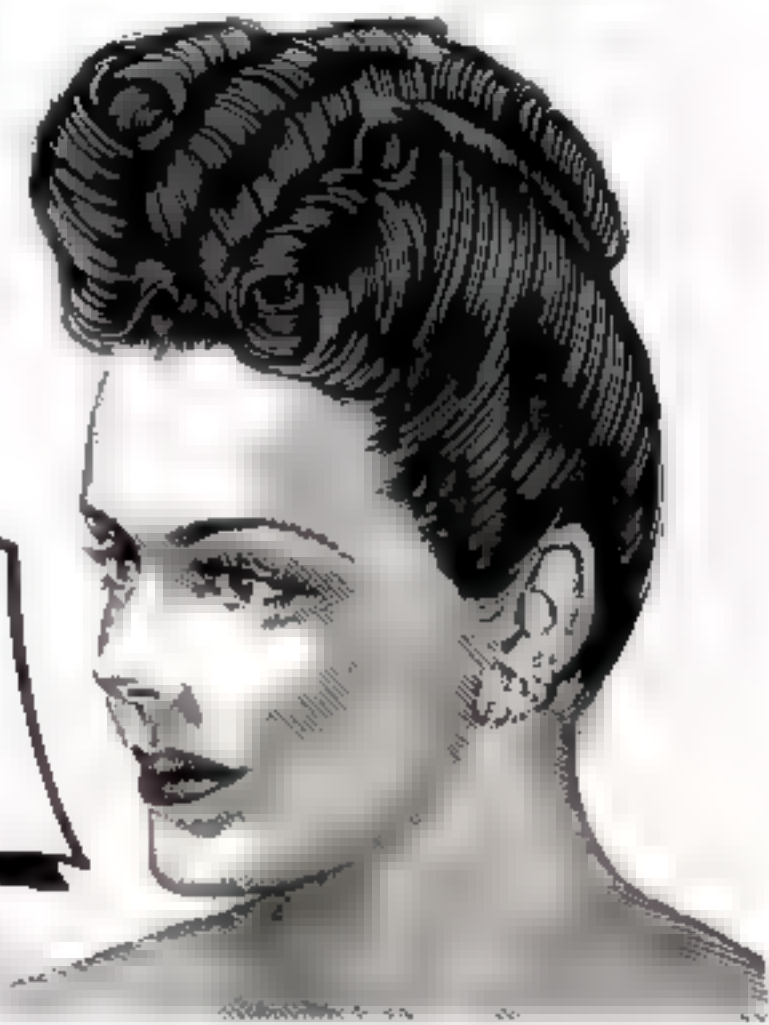
FREE . . . "71 Secrets for Beautiful Hair." This booklet tells you how to give your hair radiant beauty . . . scientifically. Just write.

CLAIROL, INC., DEPT. L-17, P. O. BOX 1455
STAMFORD, CONN.

Caution: Use only as directed on the label



COPYRIGHT 1943. CLAIROL, INC.



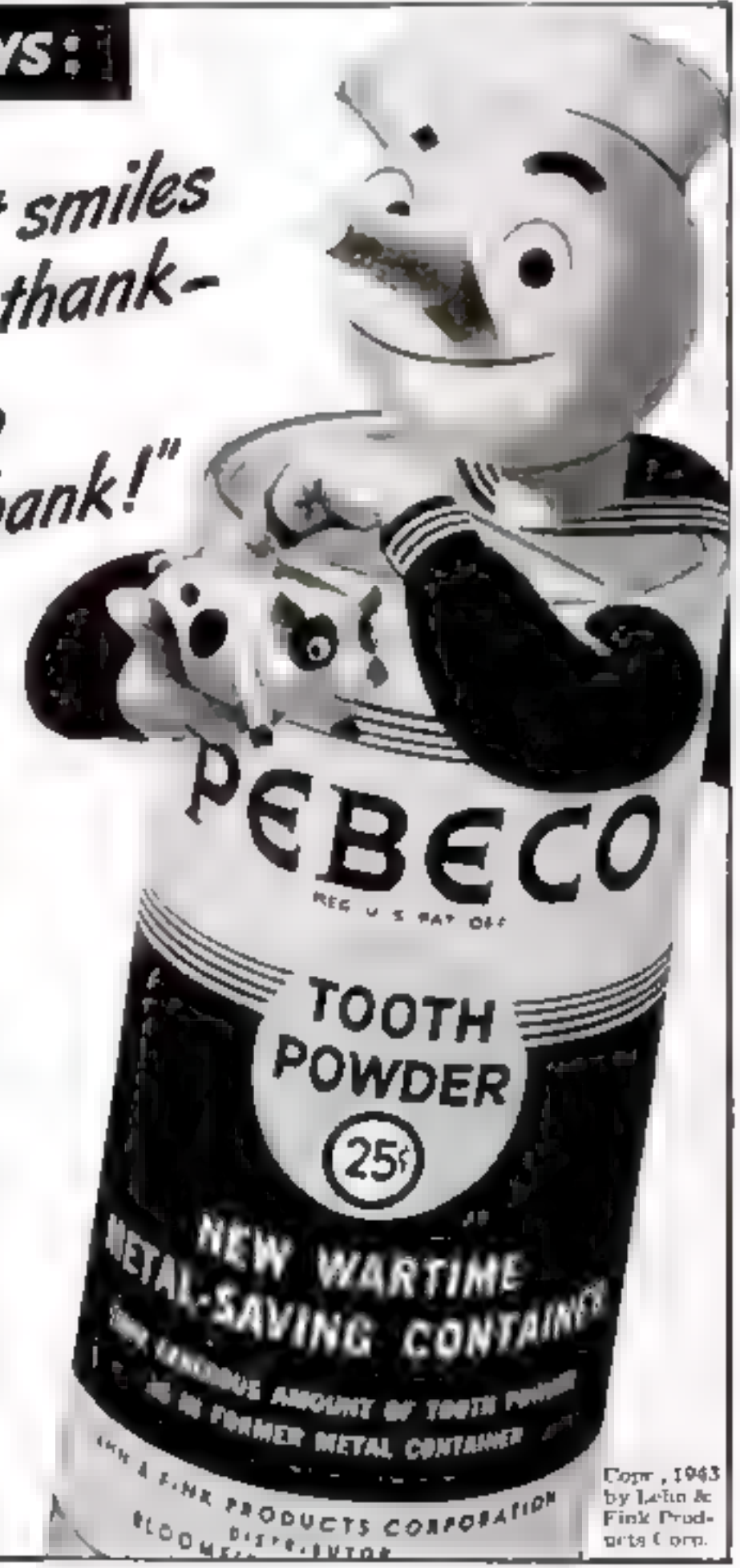
PEBECO PETE SAYS:

*"The brightest smiles have me to thank—
And I'll fill up your piggy bank!"*

1. Save money . . . Pebeco Powder gives you 60% more than the average of 6 other leading tooth powders!
2. Grand for brightening teeth! No other dentifrice cleans and polishes teeth better than Pebeco!
3. Safe, efficient. Contains no grit; doesn't harm or scratch tooth enamel.
4. Tastes so tangy, too—freshens the mouth. Get Pebeco Powder today!

GIANT SIZE ONLY 25¢
Big 10¢ size, too

Also Pebeco Tooth Paste . . . clean, refreshing flavor . . . 10¢ and 50¢.



Copy, 1943
by Lela & Fink Products Corp.

You can raise LARGER HEALTHIER STURDIER PLANTS with kem

**the amazingly effective
ready-to-use liquid plant food!**

KEM gives such good results because it supplies plants with the food elements they need for healthy growth. There are 11 of these essential elements—and KEM provides all of them. That's why any plant—no matter what kind—will thrive and flourish on KEM.

FOR INDOORS

HOUSE PLANTS

grow and bloom more luxuriantly when they are KEM-fed—regardless of the quantity or type of soil in the pot. KEM will supply every needed food element; in fact, the plant will grow strong and healthy on KEM alone.



CUT FLOWERS

are worth preserving! In a dilute KEM solution they keep looking fresh and lovely from 1 to 2 weeks—3 or 4 times longer than in plain water.



FOR OUTDOORS

There's a job for KEM every month of the year, from growing seedlings to feeding full-grown trees. Use it when planting and transplanting—and be sure to use it regularly throughout the growing season.

Feed KEM to vegetables, flowers, lawns, shrubs and trees—they'll be larger, sturdier, longer-lasting. Remember that KEM gives better results in any kind of soil—that it even grows plants without soil! Full directions for indoor and outdoor gardening with KEM appear on every bottle.

INEXPENSIVE The 10¢ size makes 1 gallon of solution; the 50¢ size 5 gallons.

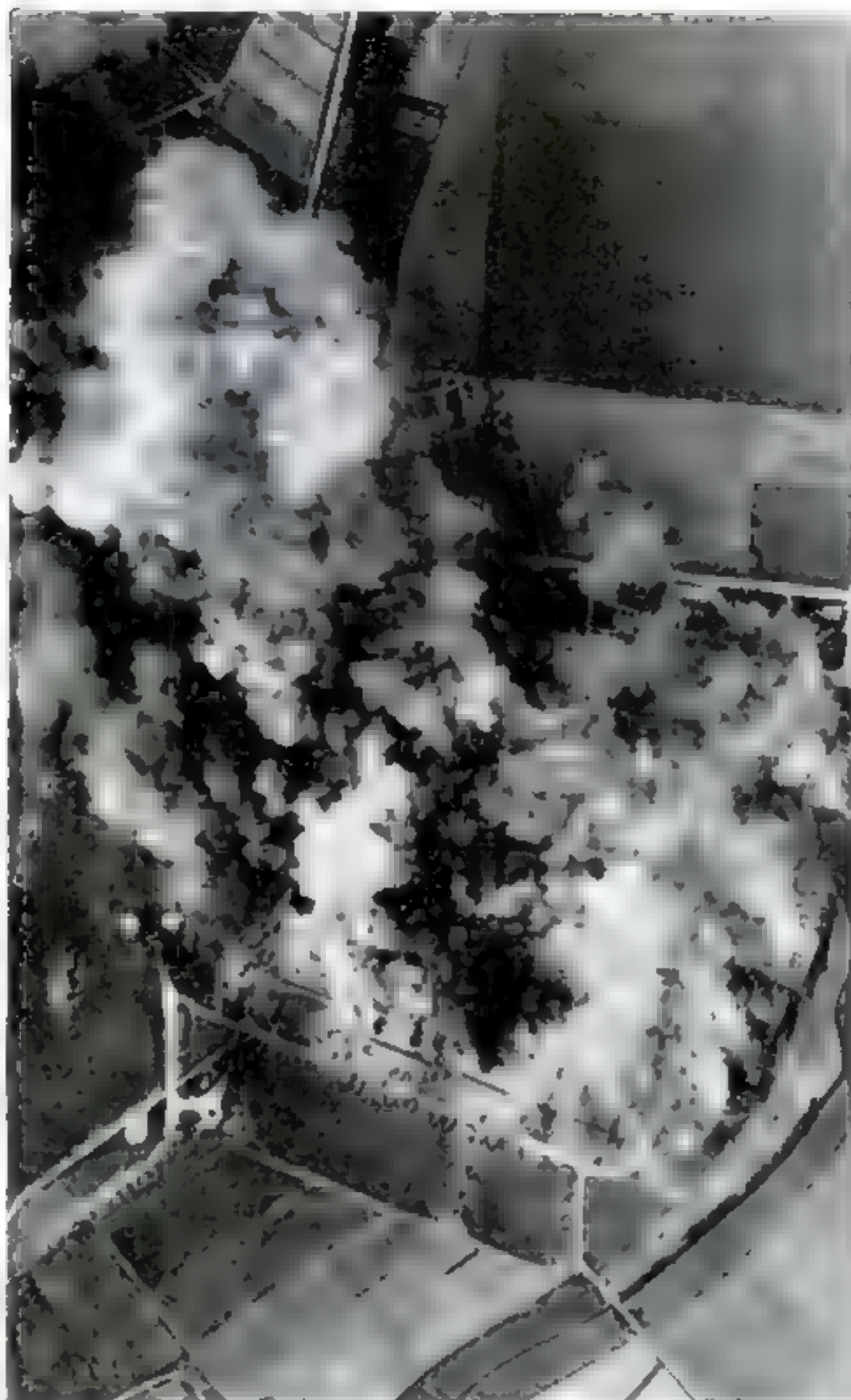
EASY TO USE Just dilute KEM with water and apply as directed.

BUY KEM at 5 & 10¢ hardware, department or seed stores. If your local dealer has not yet stocked KEM, a 12-oz. bottle will be mailed, postpaid on receipt of 25¢.

**KEM FED PLANTS
ALWAYS THRIVE**

**10¢-25¢
50¢-\$1.00**

KEM-ICAL CORPORATION
Orocliff, New Jersey
*Trademark - Patented Feeding



Devastated buildings show as smoke blows off the Focke-Wulf factory. Not a single hangar or assembly shop has escaped damage, many being completely gutted by fire.



After raid, factory looked like this. Air Chief Marshal Sir Charles Portal called it "the most perfect example in history of the accurate distribution of bombs over a target."

*Anywhere you see it
V.V.O. means better Scotch*



• The smooth, light mellowness of Martin's V.V.O. is due to the fact that only the very pick of choice Scotch Whiskies go into its making. Try this better Scotch.

**MARTIN'S
V.V.O. BRAND**

Blended Scotch Whisky
28 proof

IMPORTED BY McKESSON & ROBBINS, INC., N. Y.



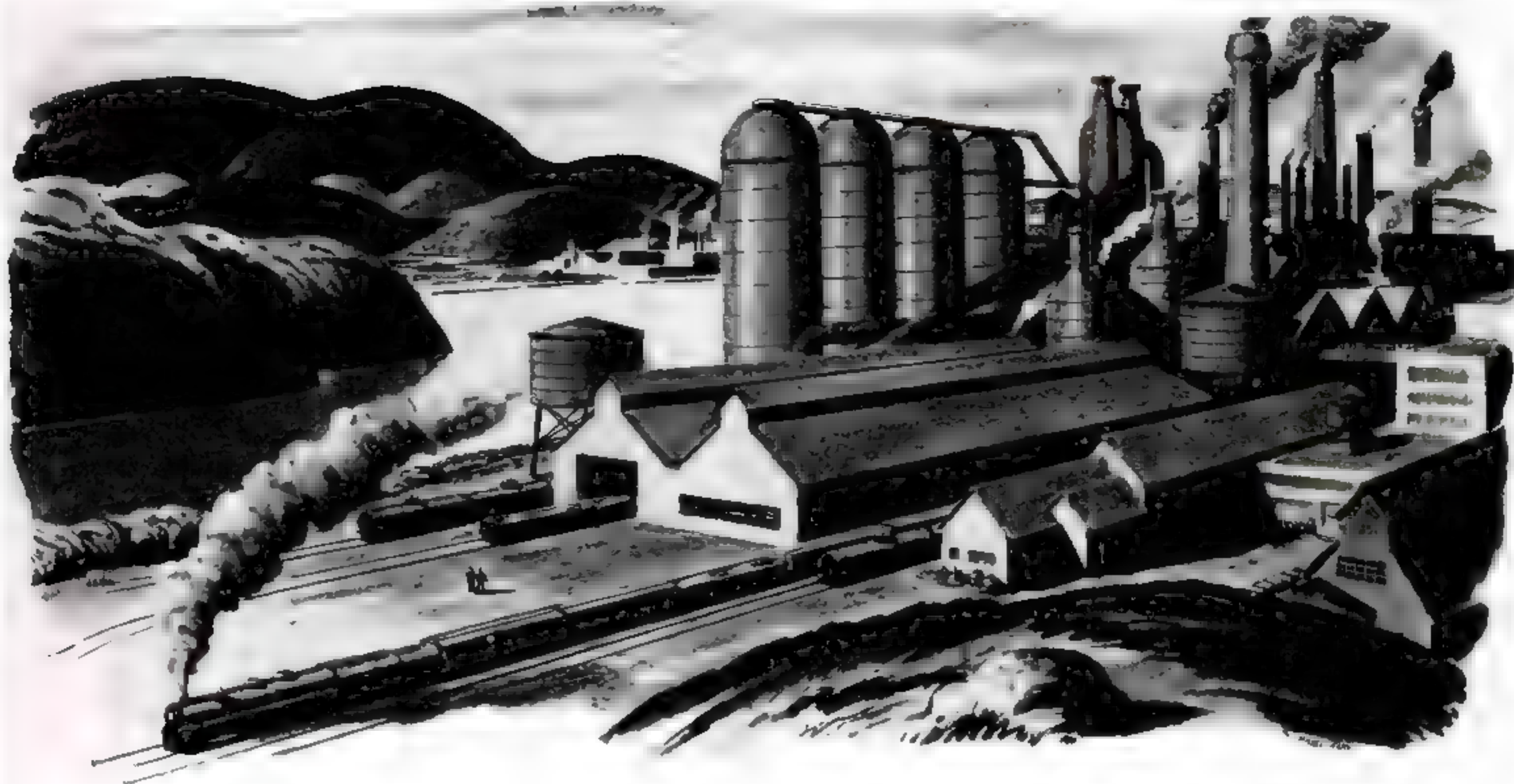
GUARANTEED BY
THE MARLIN FIREARMS CO.
NEW HAVEN, CONN.

**BUY WAR
BONDS AND
STAMPS**

for Victory



Spotless
HANDCRAFTED TEST PROVES VITAL ZONE
NO MATTER HOW OFTEN YOU SHOOT IT



The promise of the new industrial West

Less than a century ago the West was gold and furs and sheltering Missions. The trail-blazer fought toward this goal and he was followed by the pioneers in covered wagons.

Here in this new-discovered land S. P.'s first tracks were laid in 1863.

Agriculture, mining, stock-raising, lumber—these became our chief industries. Great cities sprang up along the Coast, and year-round the tourists came to view our scenic marvels. But still the West was "new country"...



THEN AMERICA marshalled its might for war. And overnight—almost like magic—the western states began to grow giant-size industrially. An estimated million and a half new "settlers" hurried west to help make vital tools of war.

Today 51 per cent of America's shipbuilding industry is on the West Coast. Aircraft factories here turn out about half the nation's planes.

A steel mill in California now makes 900 tons of pig iron daily and the state produces a mounting ton-

nage of steel. Steel plate is also manufactured in Utah... huge Texas is humming with many types of industrial activity.

Entirely new are the aluminum plants of the Pacific Northwest... magnesium plants in California, close by prune and apricot orchards.

THIS RAILROAD grew up with the western country. We are part of it. Every mile of S. P. track is west of the Mississippi. With more miles of line than any other U. S. carrier, we serve the great sweep of West and South from Portland to New Orleans.

Our big job has always been to carry west-grown fruits and vegetables east. To move lumber, sulphur, copper, potash, cotton and wool, to eastern manufacturing centers. To bring back finished goods.

Now our task has broadened, as has our opportunity. We serve the West's new manufacturing industries as

well as western agriculture and raw material producers. *Ahead of all we serve our country...*

Southern Pacific is moving a record load of war freight, military supplies and U. S. fighting men. Short of manpower and equipment, we are doing our best with what we have to work with.

WHEN THIS WAR is over it seems certain that our West will be "home" to many more people. And the new manufacturing activities here will surely help create more stabilized, diversified employment.

S. P. is doing its utmost to well serve these western industries now geared to war production. And we know that good railroad service will be needed in the conversion of industrial production from war to peace. We plan to give good service then, too.

Strengthened for war and with enlarged capacity, our railroad will continue to be an important factor in the steady progress of this western country.

A. T. MERCIER, *President*



S·P
The friendly
Southern Pacific
HEADQUARTERS: SAN FRANCISCO

One of America's railroads—all united for Victory!



FOR REAL AMERICAN BEAUTY

"The Lift that never lets you down"

For figure loveliness... there's real American beauty with PERMA★LIFT. For a miracle happens at the base of the bra-cup where a patented cushion insert softly lifts your bosom, holds that firm rounded contour, never becomes limp or lax through seasons of washing and wear. Bra and Bandeau styles, \$1.25 to \$2.50. Long-Line models, \$2 and \$2.50. ★★ A. Stein & Company ★ Chicago ★ New York



MOJUD...

that's all you need know about stockings

The name Mojud on stockings tells a meaningful story of extra quality yarn... of skill in knitting... and of infinite care in testing, examining, finishing. That's why, to millions of women, Mojud means the utmost in long-lasting loveliness. At better stores everywhere.

★ BUY WAR BONDS!

Trade Mark Reg.
© 1945, Mock, Jordon, Younginger Co., Inc., N. Y. C.

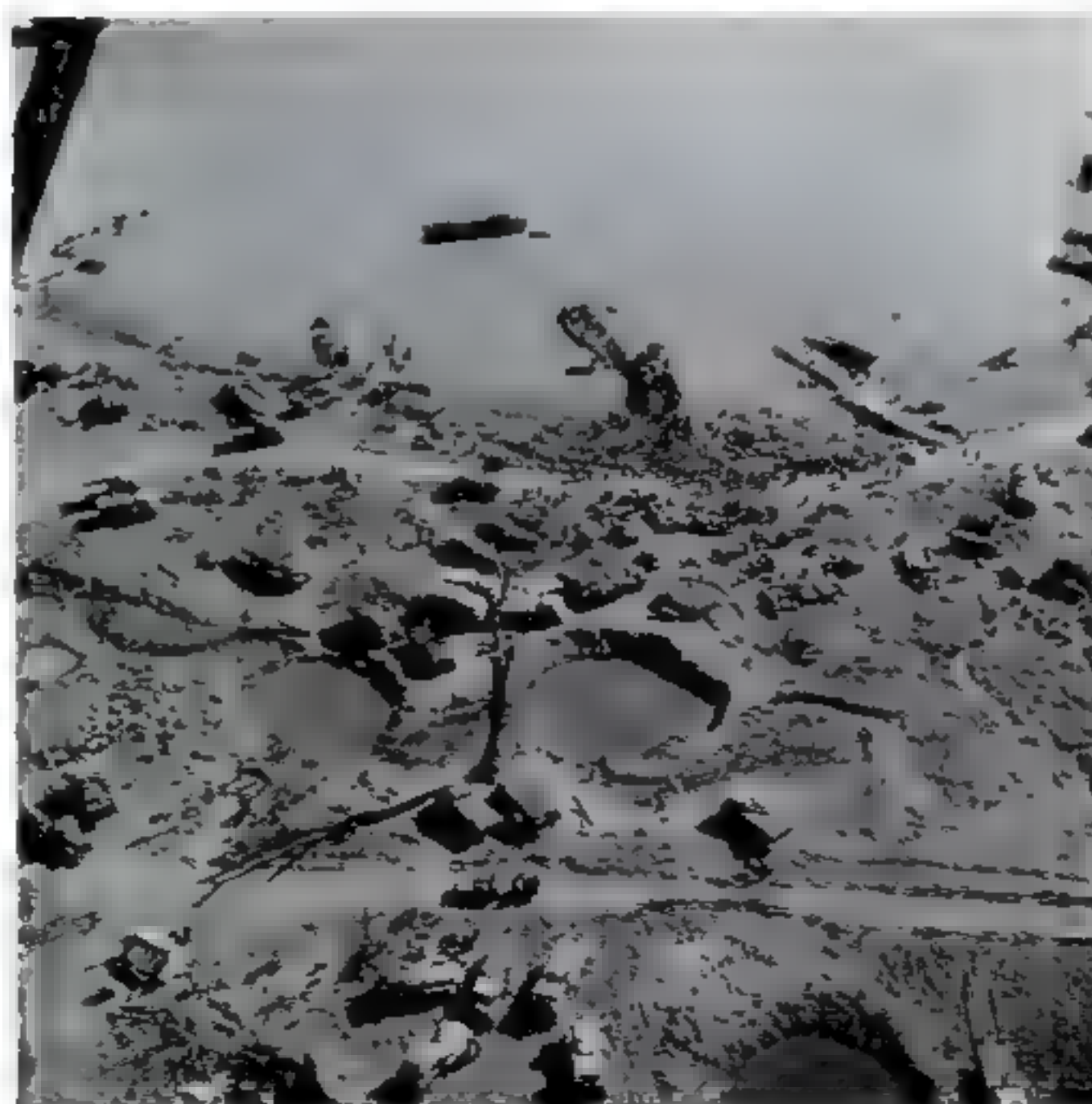


The airstrip at Lao was avoided by Allied bombers, except for a few bombs, while Jap planes on the side were destroyed. Thus when Allies took Lao the airfield was usable.

PLANES HIT JAPS IN SOUTH PACIFIC

While U. S. bombers and fighters continued to pound German industry in the climax fight for control of the skies over Europe, other Allied bombers exploited newly-won air superiority in South Pacific. In the two-day attack on Rabaul, the third this month, nearly 300 U. S. planes destroyed at least 123 Jap bombers and fighters at a cost to themselves of only four planes. Most of the Japs were destroyed on ground by B-24's, B-25's and P-38 fighters.

The devastating fury of this type of attack used by the Allies in the Pacific is proved by the two pictures here, which arrived in the U. S. last week. Taken when the Allies occupied Lao, they show how airfield and harbor looked after Allied planes had pounded them.



Allies land reinforcements at Lao in area pocked by holes left from bombs dropped on the Japs. Trees have been leveled; in the harbor a small Jap ship has been sunk.



A CANARY entrances JOAN BENNETT

Starting in "UP IN MABEL'S ROOM" an Edward Small Production. And you, too, will thrill to the joy a Canary brings in these trying days. Buy a Canary and keep a song in your home! Be sure to feed your Canary FRENCH'S Bird Seed and Biscuit... the 4 to 1 favorite in Hollywood, and the largest-selling brand in the U. S.



OWN A CANARY...THE ONLY PET THAT SINGS

Make Your Job Easier with Ice-Mint Feet

It's a trick well worth knowing — a many a defense plant worker might tell you — just use Ice-Mint on your feet to help keep them cool and comfortable on the job. See, too, how Ice-Mint help soften up stinging corns and tough old callouses. For people who stand all day on tired, burning feet—Ice-Mint can't be beat. Get a jar from your druggist today.

THERE'S NO SHORTAGE of CLEAN-BE-TWEEN TOOTHBRUSH Refills

Your Clean-BE-Tween Toothbrush will be as good as new with a fresh refill, obtainable at drug counters, supplied in Extra Hard, Hard, Medium and Soft textures. With fewer dentists practicing, it is more important now than ever to take extra care of your teeth. Clean-BE-Tween Toothbrushes are guaranteed to give satisfactory service.

CLEAN-BE-TWEEN TOOTHBRUSH COMPANY INC.
605 ANGLE, ST. NEW YORK, 17



Help Kidneys If Back Aches

Do you feel older than you are or suffer from Getting Up Nights, Backache, Nervousness, Fatigue, Dizziness, Swollen Ankles, or Urinary Pains? Burning scanty or frequent urination? So, remember that your Kidneys are vital to your health and that these symptoms may be due to non-organic and non-systemic Kidney and Bladder troubles—in such cases Cystex (a 100% prescription) usually gives prompt relief by helping the Kidneys flush out poisons, excess acids and wastes. You have every right to gain and nothing to lose in trying Cystex. An iron-clad guarantee assures a refund of your money on return of empty package unless fully satisfied. Don't wait! Get Cystex (Cystex from your druggist today) Only 35c.

Cystex
Helps Flush Kidneys



This advertisement prepared by the War Advertising Council, is contributed by this magazine in cooperation with the Magazine Publishers of America

Seven things you should do:

1. Buy only what you really need	2. Pay no more than ceiling prices...buy rationed goods <u>only</u> with stamps	3. Pay off old debts and avoid making new ones	4. Support higher taxes ...pay them willingly	5. Provide for the future with adequate life insurance and savings	6. Don't ask more money for goods you sell or work you do	7. Buy all the War Bonds you can afford - and keep them
----------------------------------	---	--	---	--	---	---

Keep prices down...use it up, wear it out, make it do, or do without



ELEANORE, 12, PLAYS AN AUSTRIAN SPINET. MOST OF THE TRAPPS' CONCERT SINGING IS WITHOUT ACCOMPANIMENT.



FAMILY GROUP IS OVERWHELMINGLY FEMININE EXCEPT

Life Visits the Trapp Family in Vermont

Titled Austrians found a new home in America on music and hard work

In 1938 Baron Georg von Trapp, the baroness and their nine children arrived in New York, leaving lately vacated their castle in the mountains of the Tyrol near Salzburg because they refused to fly Hitler's swastika over the doorway. The Germans were sorry to see them go because they could have made good use of the baron's experience as Mediterranean commander of the Austro-Hungarian submarine fleet in World War I. However, he and his family had other plans. Nearly penniless on their arrival, they nevertheless

MARTINA PLACES FLOWERS AT SHRINE IN THE GARDEN. ANOTHER SHRINE STANDS ON HIGHEST HILL.



BARON (RIGHT) LISTENS TO THE SUNDAY-MORNING REHEARSAL CONDUCTED BY





FOR BARON & JOHANNES (LEANING AT HIS MOTHER'S KNEE)



FATHER WASNER DIRECTS, COMPOSES, ARRANGES SELECTIONS FOR THE TRAPPS. ALL OF THEM HAVE ABSOLUTE PITCH

had a sure means of livelihood in their organization as a family choir. Directed by Dr. Franz Wasner, a young priest who lives with the family and is their spiritual as well as their musical director, they had made their first public appearance at a 1947 folk singing contest in Salzburg. Lotta Leimann had heard them sing at home some months before and had urged them to make professional use of their talent. In America they settled themselves in a capacious country house near Merion, Pa., then chartered a bus and went on tour.

winding up their first season with a Christmas concert in New York. Their new audiences liked their singing and playing—recorders, viola da gambas, of chorales and folk songs, and critics gave them an enthusiastic reception. Since then they have made an annual tour.

Shortly after the Trapp family came to the U. S. the tenth child, Johannes, was born and began immediately to go with them on their musical travels. Early this year the two older boys joined the ski troops of the U. S. Army at Camp Hale, Colo., but the baroness

and her seven daughters went right on singing. The baron does not appear in concert with his family. Recently they took on a new project—a 600-acre farm near Shreve, Mo., where the scenery on every side reminds them of their native Salzburg. There they plan to inaugurate next summer an annual "Song Week," where nonprofessional music lovers may come and sing and play with them. They are trying hard to finish the 20-room house, which they have built to—and without any outside help, before they go on tour this month.

FATHER WASNER. THE GIRLS ARE PLAYING THE RECORDER (ANCIENT FLUTE)



THE BARONESS TEACHES JOHANNES, 1, TO PLAY THE RECORDER. HE DOES NOT APPEAR IN CONCERT



FINISHED IN NEW YORK



*There's a smile
in every glass*

★Yes, it's a cheerful wine, VIRGINIA DARE, brimming over with that smooth, luscious taste that brings a smile with the very first sip! You'll find the delicious aroma and bouquet just right for every occasion. Try this greatest of all American wines!

SAY IT AGAIN VIRGINIA DARE WINE
GARRETT & CO., INC., Brooklyn, N. Y.



An Easy Way—

WAR SAVINGS STAMPS

**TO BUY A
"ROADMASTER" BICYCLE**

**SAVE
WAR SAVINGS
STAMPS
AND BUY A
ROADMASTER
AFTER THE WAR**

Any boy or girl can get a beautiful "Roadmaster"—America's Finer Bicycle—after the war. Start now by buying a War Savings Stamp each week. It won't take long to save enough to fill one or two albums—then, when victory is won, and "Roadmasters" are again being made (we're now 100% on war work) you can own a sparkling new postwar "Roadmaster".

THE CLEVELAND WELDING CO.
West 117th Street at Burns Road • Cleveland, Ohio

Roadmaster
AMERICA'S *finer* BICYCLES

Life Visits the Trapp Family (continued)



In native dress, which they have never changed for American clothes, the girls do the heavy-construction work on house, even mixing and pouring cement for foundation.



The baroness poses with team of Canadian Horses, Lady and Prince. Besides her husband, the Trappes last summer did haying, had a large garden, cared for 26 Jersey cows, 14 pigs.



Agatha churns butter for the family, makes their clothes, mends 40 pairs of stockings each week. One sister, Johanna, cooks three meals a day for hard-working Trappes.



Martina paints a cabinet which the Baron made for Johannes. Baron is also making furniture for the new house, assisted by Maria who makes wooden bowls and lamps.



Hedwig admires stained-glass window set in a barn now used as chapel. Father Wanner daily conducts Mass and vespers, tutors youngest girls, Eleonore and Rosemarie.



Martina polishes mugs given each child at christening, used at every meal. Girls hope to marry only tenors and baritones, thus preserving the family's musical entity.



NESCAFÉ

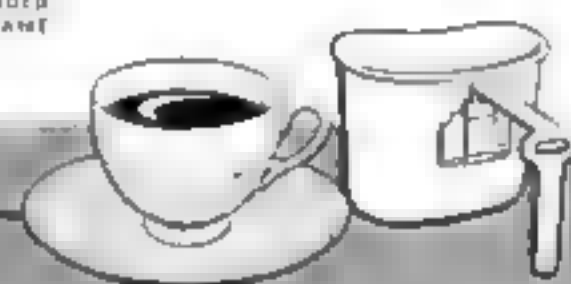
The Armed Forces continue to receive almost all of the Nescafé that we manufacture. Therefore, the quantity that is available each month to our civilian customers is very small, and Nescafé appears only occasionally in grocery stores.

We are glad that Nescafé is able to play an important part in satisfying and stimulating our fighting forces—yet we regret that it is necessary to disappoint our civilian consumers. We know our customers will take satisfaction in the thought that the package of Nescafé that is not available today is serving some friend or relative in the military service. Naturally we are eagerly looking forward to the day when there will be Nescafé for all.

A Nestlé product, composed of equal parts of skillfully brewed soluble coffee and added carbohydrates (dextrin, maltose and dextrose) added solely to protect the flavor.



BUY IT WITH WAR BONDS



NESTLÉ'S MILK PRODUCTS, INC., NEW YORK, U. S. A.

Brilliant American Styling

... ACCURACY THAT'S STAR TIMED!



Lady Elgin—19 jewels.

Lord Elgin—21 jewels.

YOURS TO HAVE AND TO CHERISH—UNTIL
PEACE BRINGS EVEN FINER ELGINS!

EXQUISITE style marks each Lord and Lady Elgin. Their accuracy is an American tradition. If your jeweler's supply is limited, we know you will realize why. For—until the war is won—the making of instruments and timing devices for the armed forces comes first at Elgin.

ELGIN

BACK OUR FIGHTING MEN—
BUY WAR BONDS AND STAMPS

★ LISTEN IN—"THE MAN BEHIND THE GUN"—CBS, SATURDAYS, 7 P. M., E. W. T. ★



One Way... to Trouble

THE next time you come across a scene like this, with the leaves coming down and a good Fall tang in the air, take a good look at that one-way sign—because it's a warning to you.

It's a warning that one way to trouble is to try to get through the Winter on what remains of your Summer oil.

You see, in Summer your car needs a grade of oil that will stand excessive heat—not just the heat of Summer, but the heat in your motor as well.

And in Winter you need an oil that will stand both heat and cold—that will flow freely when you start your car and won't burn away when your motor warms up and reaches its normal operating temperature.

One of the outstanding qualities of Quaker State Winter Oil is its low viscosity—for free flow—and its high "flash" point for resisting heat. It's made from Pennsylvania Grade Crude Oil, and the extra refining it gets at Quaker State's four great modern refineries makes it the perfect Winter prescription for your car. It really helps you "care for your car for your country"—in the best way possible.

So let the next one-way sign you see remind you to look for another sign—the familiar green-and-white service sign that beckons you to Quaker State Motor Oil and Quaker State Superfine Lubricants. Quaker State Oil Refining Corp., Oil City, Pa.



OIL IS AMMUNITION—USE IT WISELY

PICTURES TO THE EDITORS

COMFORTABLE CAT

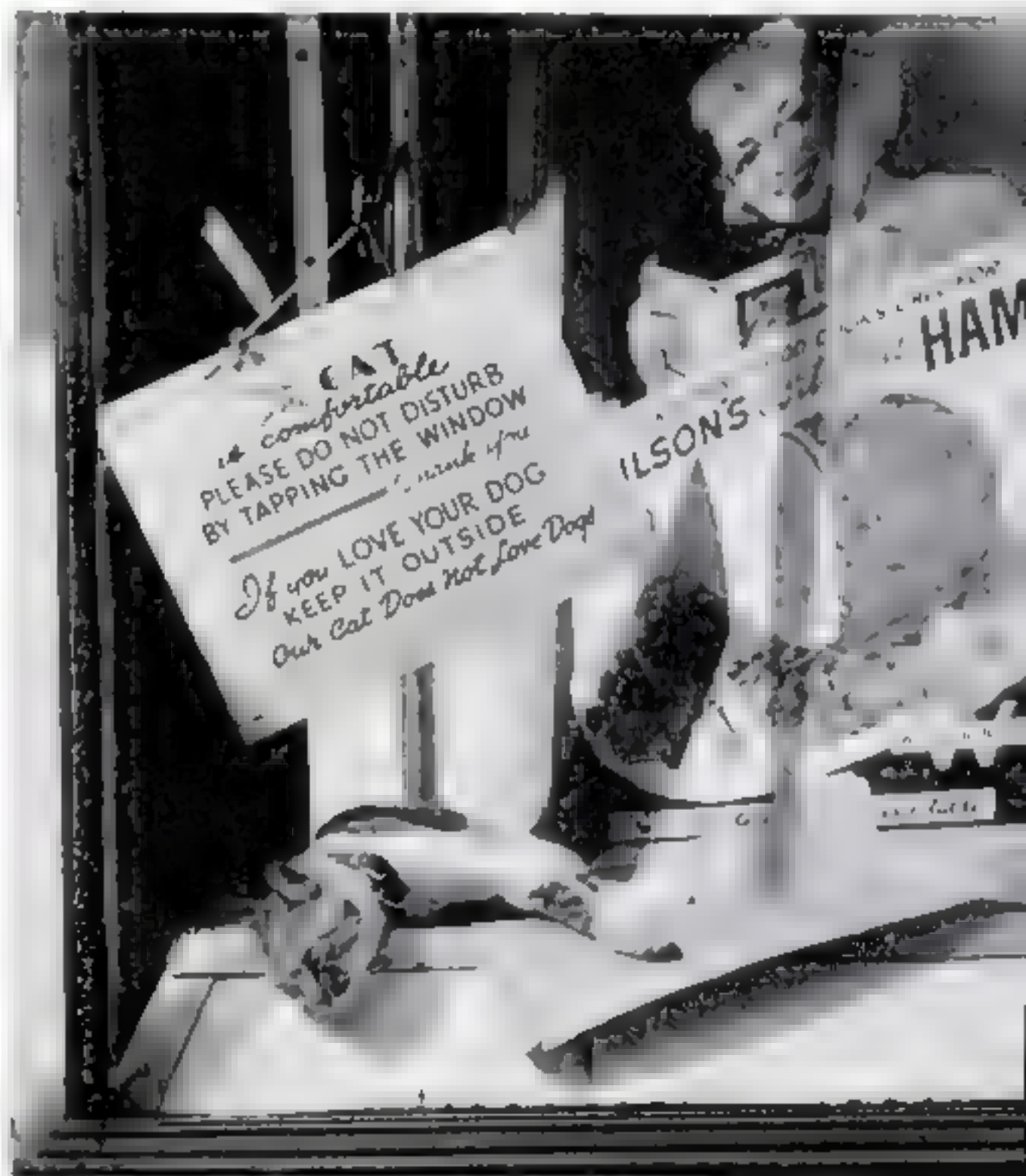
Sirs:

This sign is a tribute to the kindness of New Yorkers and to the charm of a certain cat. The cat, uninspiredly named Kilty, is nonetheless highly thought of at Baldo's Meat Market on Third Avenue. Kilty is able to look deadlier than any of Mr. Baldo's wares. It lies limply in the window for hours, much to the con-

cern of tenderhearted passers-by who fear it is dead or mortally ill. Their anxious window tappings finally moved Mr. Baldo to end the misunderstanding with this sign. Incidentally, I've investigated and I'm sure the cat is comfortable.

NINA LEEN

New York, N. Y.



OWLISH OWL

Sirs:

This owl just turned up one morning and I found him grumpy and steadfastly staring through the window into our living room. I'm not easily abashed, but his utter disapproval gave me quite an uncomfortable feeling. His expression was,

to say the least, owlish. He seemed to be so much of a know-nothing that I half expected to hear him pick at my earlobes.

James J. Flynn
Chagrin Falls, Ohio



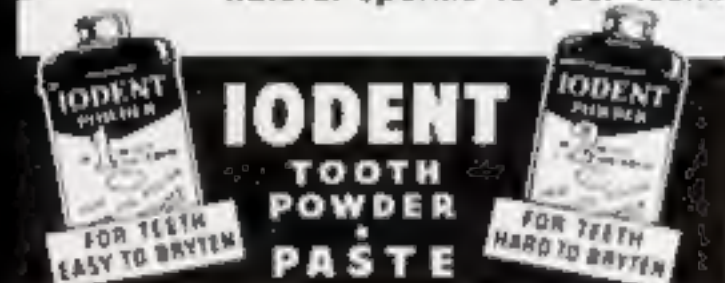


LET IODENT HELP

GUARD AGAINST Smoke Smudge

Choose **POWDER or PASTE**

No need to let ugly smudges dim your smile and hinder your success. Millions have proven that Iodent No. 2 Tooth Paste or Powder will safely clear away these smudges—even smoke smudge—and bring back the natural sparkle to your teeth.



VARICOSE VEINS

Need Not Keep You From Having

Beautiful Legs

A new two-way stretch stocking that gives perfect support entirely unnoticed under sheerest silk hose. Now, bulky elastic stockings are unnecessary. At Department, Surgical or Drug Stores.



SEND FOR BOOKLET

Mail Coupon Today

BELL-HORN Tropical Knight ELASTIC STOCKINGS

BELL-HORN, 451 North 3rd St., Philadelphia, Pa. Send me helpful free booklet: New Facts about Varicose Veins and Beautiful Legs.

NAME _____ ADDRESS _____

AMERICA'S LEADING MAKERS OF SURGICAL HOSIERY FOR OVER 100 YEARS

PICTURES TO THE EDITORS

(continued)

PATTERNS

Sirs:

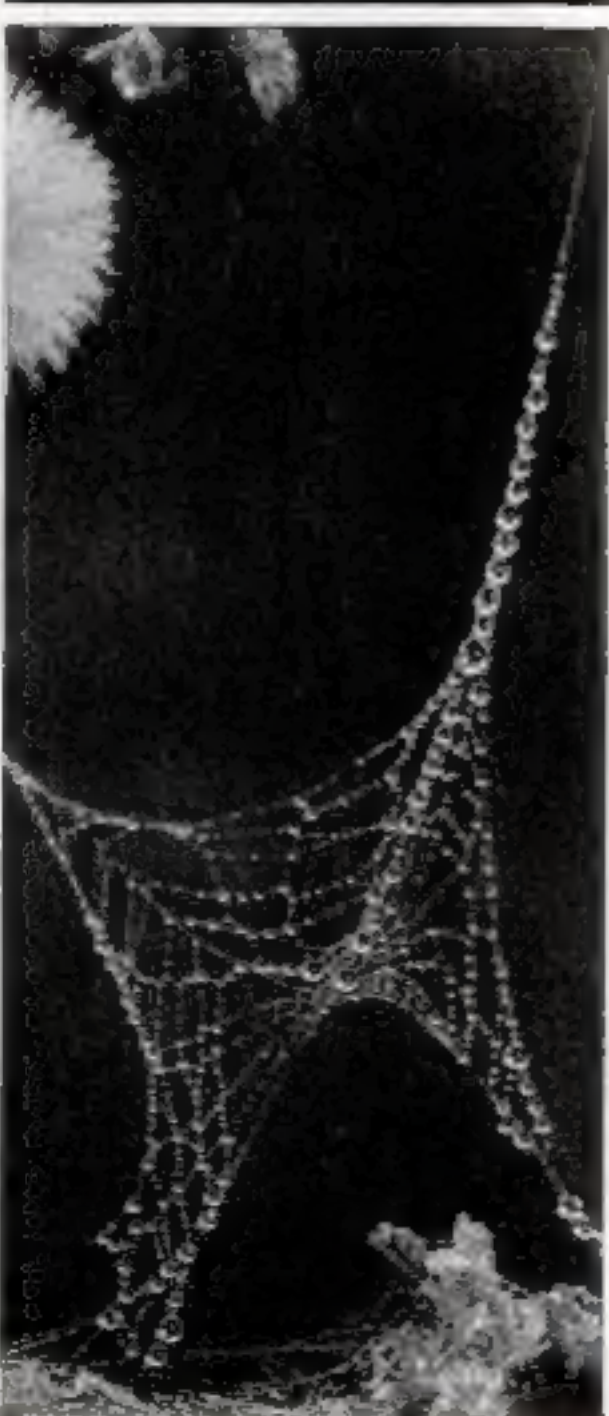
I got quite a thrill when I found my camera had caught two of the most ephemeral patterns in nature: a bolt of lightning and a dew-laden spider web.

As a lightning hunter I've collected some fair bolts, but this one which cut the South Texas sky when my lens happened to be open is prettier than any I've ever seen.

I found the necklace-shaped spider web very early in the morning. The spider was crouching sulkily under a neighboring leaf, waiting for his web to dry out so he could repair the damage which the dew had done to the delicate threads.

HARRY PEDERSON

McAllen, Texas



Remember how you used to worry over selecting the colors they'd be sure to like? This Christmas they'll want Army Khaki or Navy Black... but do show them you haven't forgotten what their favorite ties are. Look for the Wembley label—it stands for the same high standards of enduring quality that have made Wembley America's best-seller at a dollar.

Wembley Ties

\$1 BUY WAR BONDS FROM YOUR RETAILER TOO

COPYRIGHT 1943 WEMBLEY, INC., NEW ORLEANS

Jayson

OFFICERS' SHIRTS

ARMY • NAVY • MARINES • AIR FORCES

Superior in wear, fit and appearance, Jayson shirts are designed with the refinements and tailoring our officers merit. All approved fabrics in cottons and wools, including the new navy grey.

Palm Beach officers' shirts exclusive with JAYSON.



F. JACOBSON & SONS, Inc., 1115 BROADWAY, NEW YORK 10—Shirts • Pajamas • Sportswear • Makers of Excello Shirts

PICTURES TO THE EDITORS

(continued)

SINGING TOAD

Sirs:

When a toad looks like this he is singing a love song, a sweet trilling tune that to female toads sounds sweeter than Frank Sinatra to 'teen-age girls. Possibly to female toads his puffed-out throat is

the equivalent of Sinatra's mussed hair. In the toad world the female can't trill back has to be satisfied with silent adoration.

PETER KOCH

Cincinnati, Ohio



PHOOEY!

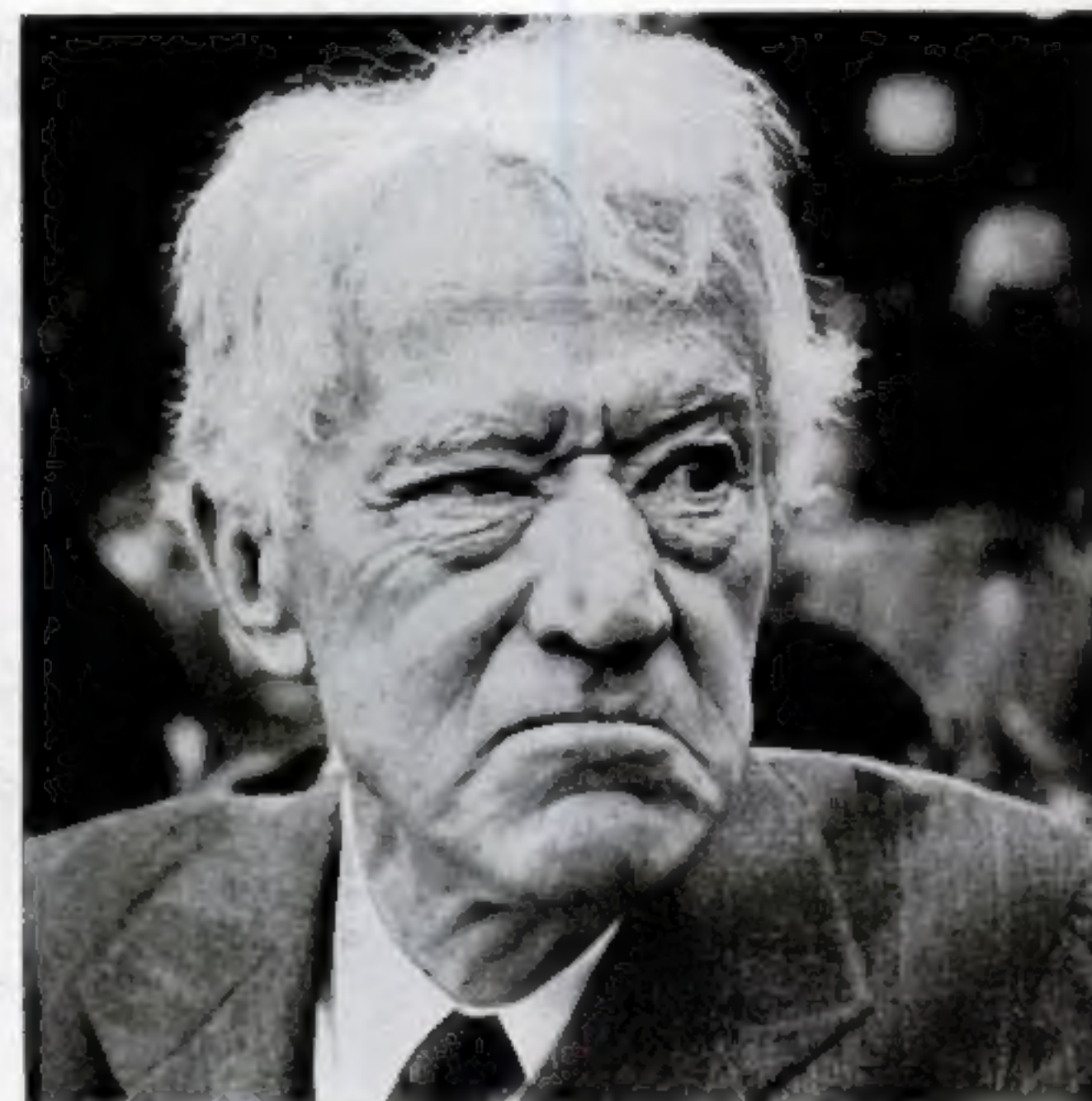
Sirs:

This is a case of a look saying more than words ever could. If Judge Kenesaw Mountain Landis had written volumes he couldn't have been more eloquent than this. Occasion for the baleful glare: the final game of the World Series in St. Louis when humiliated St. Louis fans

watched their "Gas House Gang" lose the pennant. I glanced around the arena and I can safely say Landis' look spoke for all Cardinal fans.

MARIO CAVAGNARO

Star-Times
St. Louis, Mo.



CONTRIBUTIONS: Minimum rates for all rights, including resale and reuse: \$5 per photograph. Amateur photographers are welcome as contributors but their work must compete with professionals on an equal basis and will be judged (and paid for) as such. Unsolicited contributions however, whether professional or amateur, will be neither acknowledged nor returned unless accompanied by adequate postage, packing and directions. LIFE will not be responsible for safe handling of same either in its office or in transit. Payment will be made only on approval and publication. Address all correspondence about contributions to CONTRIBUTIONS EDITOR, LIFE Magazine, TIME & LIFE Building, Rockefeller Center, New York 20, N. Y.



Background of Tradition

86.8 proof • 65% Grain Neutral Spirits

HERITAGE OF HOSPITALITY



FAMOUS SINCE 1894

PHILADELPHIA FROM EARLIEST COLONIAL DAYS WAS THE CENTER OF CULTURE AND ENTERTAINMENT. HERE FLOWERED THOSE GRACIOUS ARTS WHICH ADD COLOR AND CHARM TO LIVING. TODAY, THIS HERITAGE OF HOSPITALITY IS TRIUMPHANTLY UPHELD BY PHILADELPHIA BLENDED WHISKY. HERE IS WHISKY WORTHY OF A GREAT TRADITION. A WHISKY, INDEED, ORDINARILY RESERVED FOR SPECIAL OCCASIONS, YET ONE YOU CAN AFFORD... REGULARLY AND OFTEN

Copyrighted material

LUCKY STRIKE MEANS FINE TOBACCO

"Grading Leaf." Painted from life on a Carolina farm by Peter Hurd



CHICAGO 100-10000
NEW YORK 100-10000
ATLANTA 100-10000
SAN FRANCISCO 100-10000



PETER HURD

... **YES, LUCKY STRIKE MEANS FINE TOBACCO!**

So Round, So Firm, So Fully Packed—So Free and Easy On The Draw



Copyright 1941, The American Tobacco Company